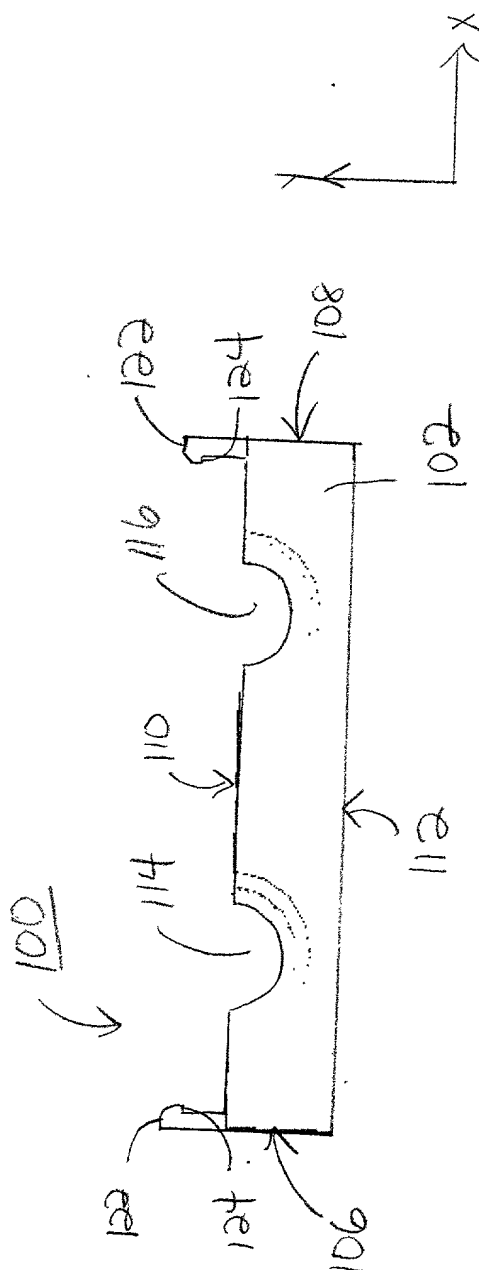


TOP PERSPECTIVE VIEW

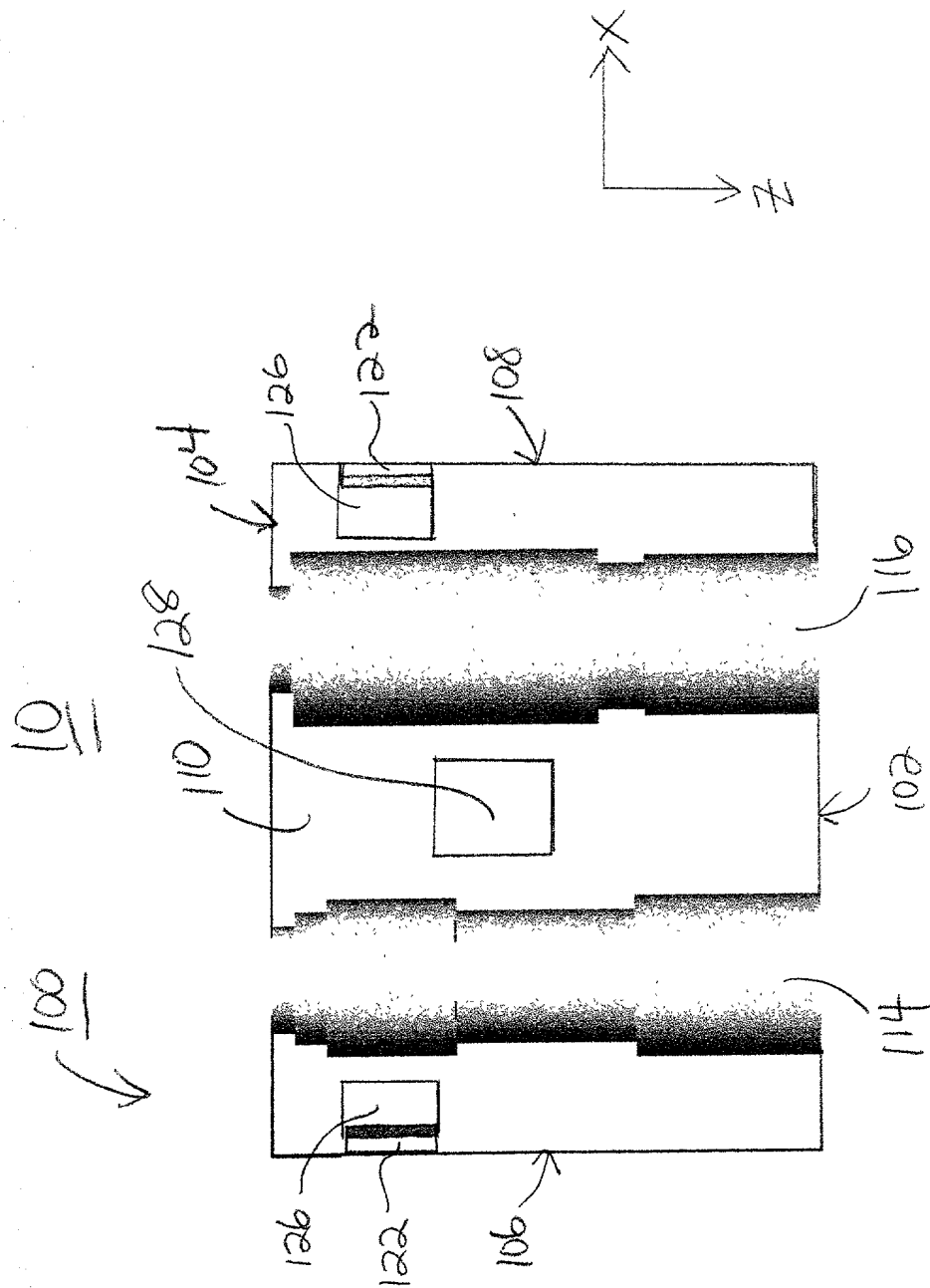


FIG. 1C is a perspective view of the device 100, showing the top surface 101, the bottom surface 102, and the side surfaces 103 and 104. The device 100 includes a central channel 110, and a pair of side walls 111 and 112. The side walls 111 and 112 are formed by a pair of opposing surfaces 113 and 114. The device 100 also includes a pair of end walls 121 and 122, and a pair of side walls 123 and 124. The end walls 121 and 122 are formed by a pair of opposing surfaces 123 and 124. The device 100 is shown in a perspective view, with the top surface 101, the bottom surface 102, and the side surfaces 103 and 104. The device 100 includes a central channel 110, and a pair of side walls 111 and 112. The side walls 111 and 112 are formed by a pair of opposing surfaces 113 and 114. The device 100 also includes a pair of end walls 121 and 122, and a pair of side walls 123 and 124. The end walls 121 and 122 are formed by a pair of opposing surfaces 123 and 124.

10



END VIEW  
FIG. 1C



TOP VIEW  
FIG. 1D



10

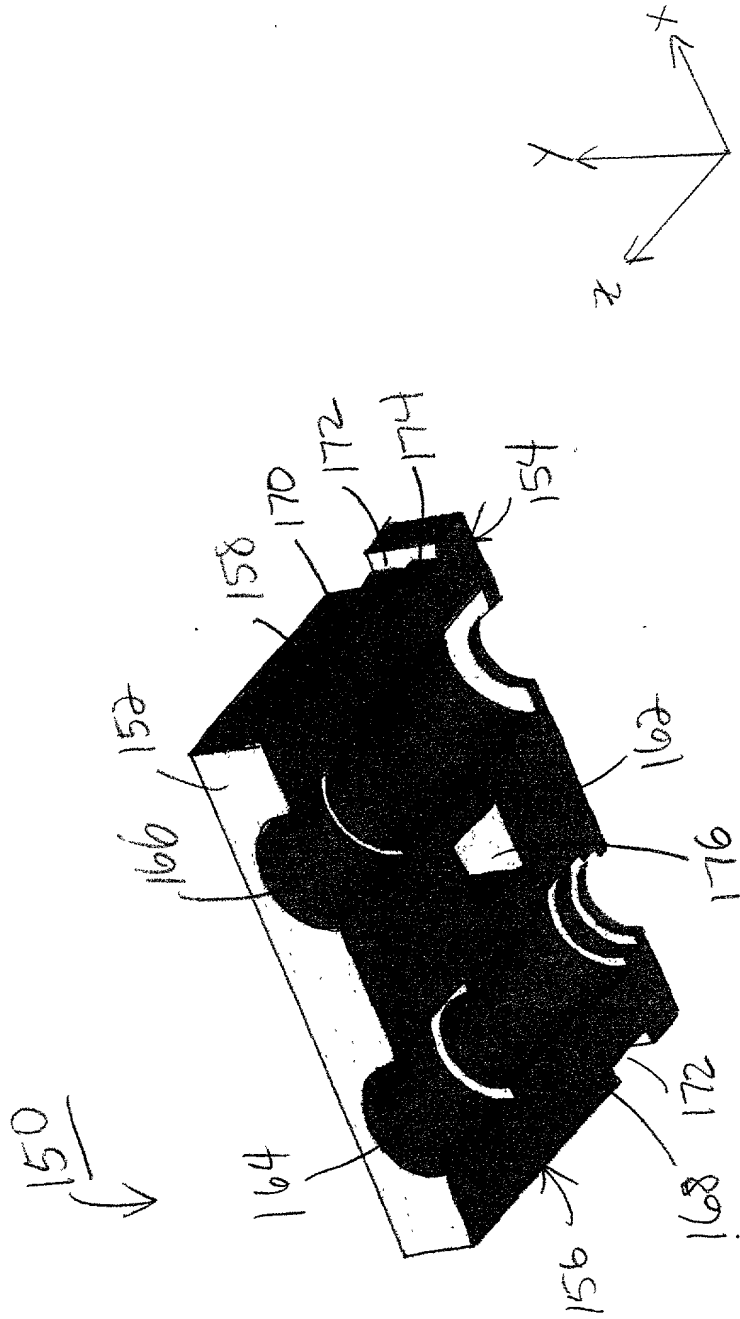
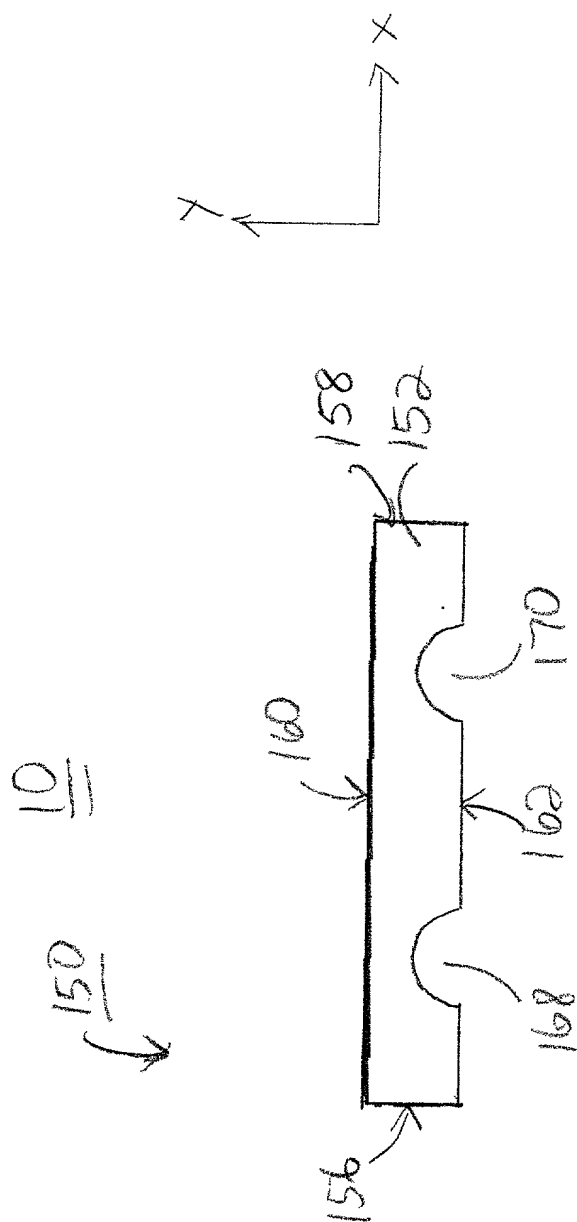
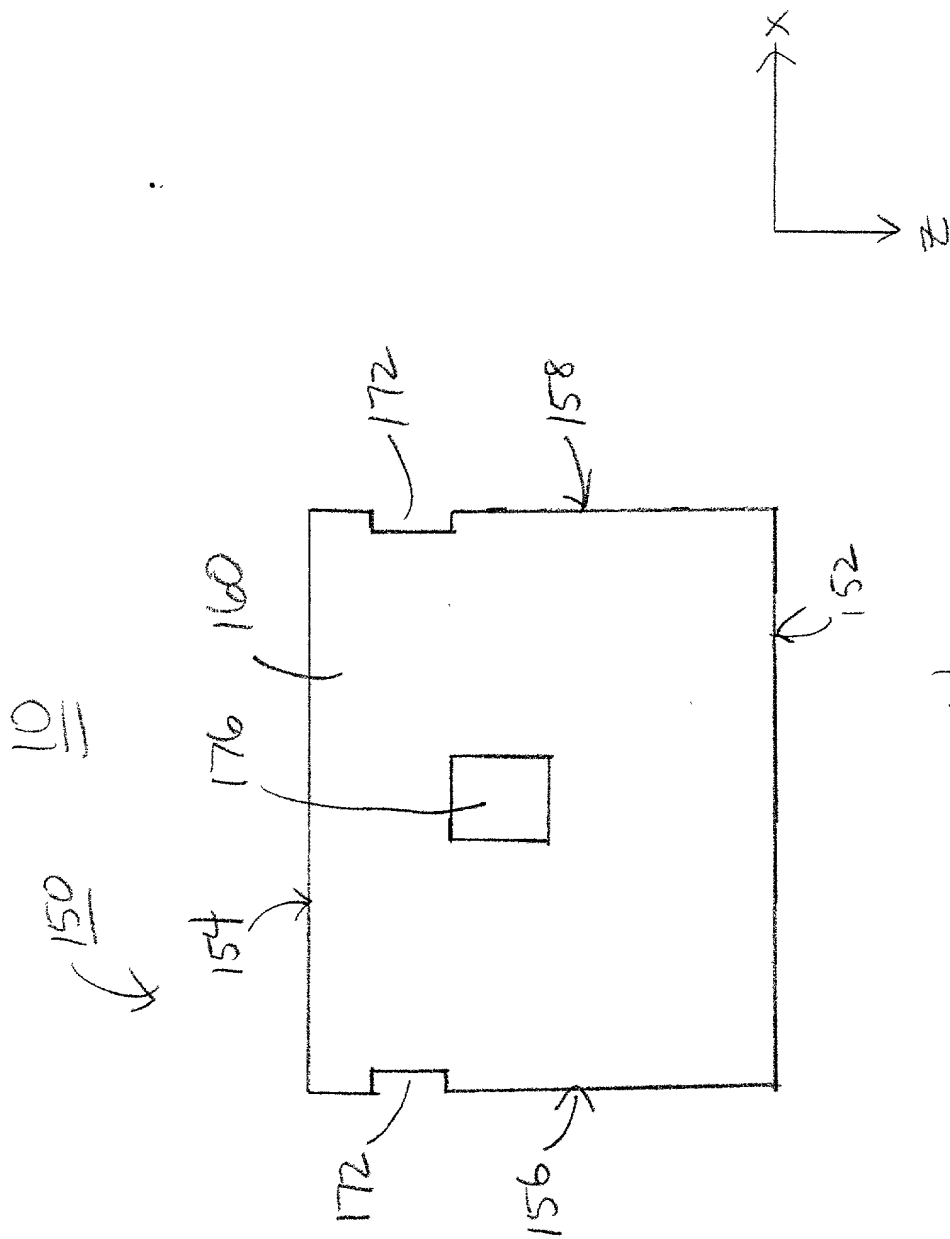


FIG. 1F



END VIEW  
F/G. 1G



TOP VIEW  
FIG. 10



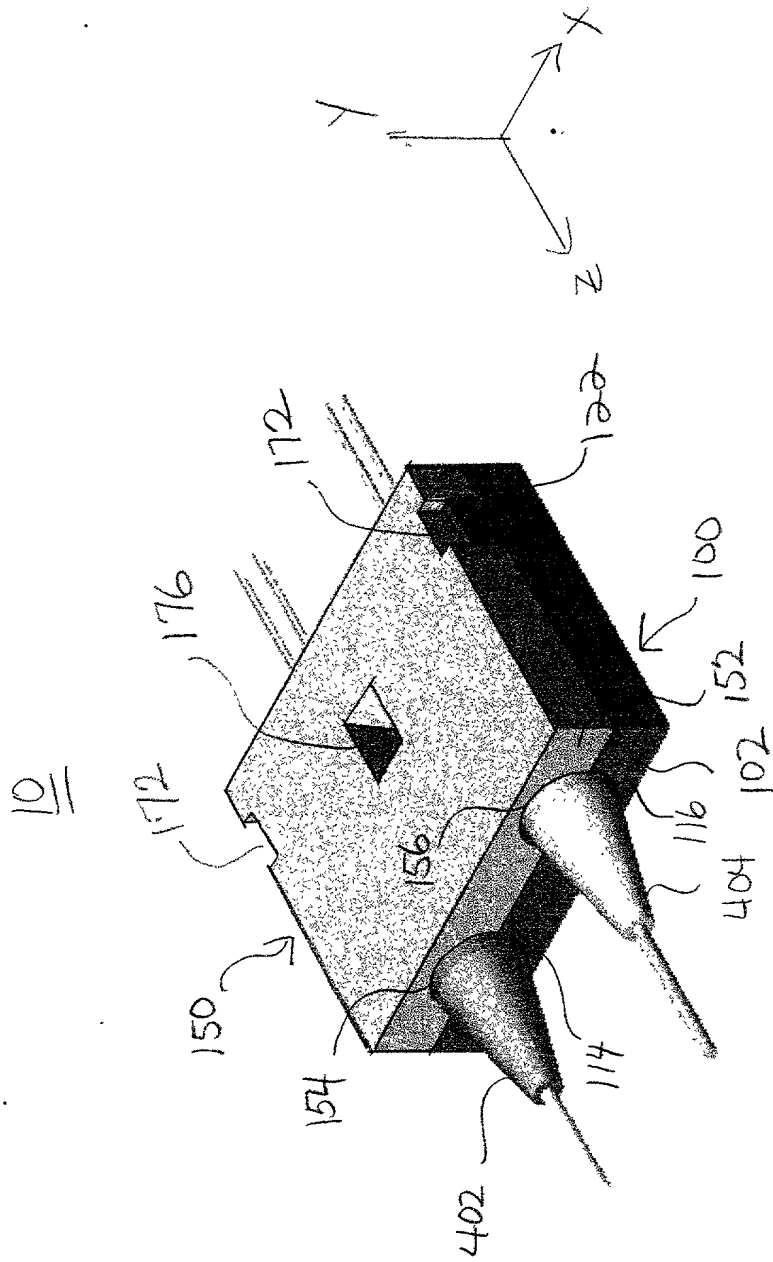


FIG. 10

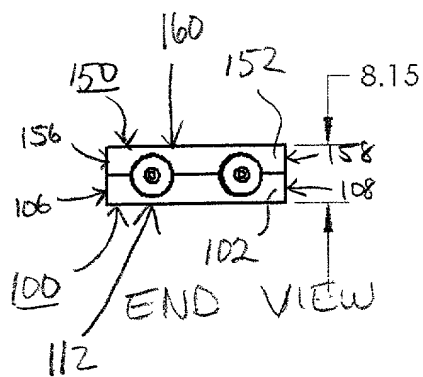
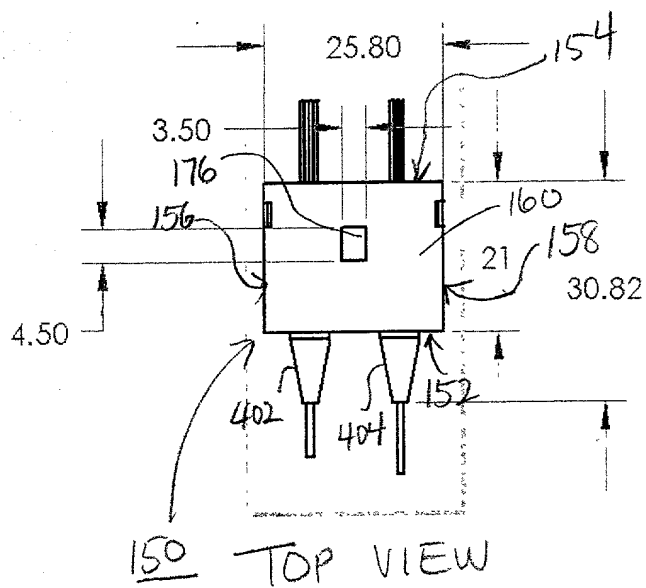
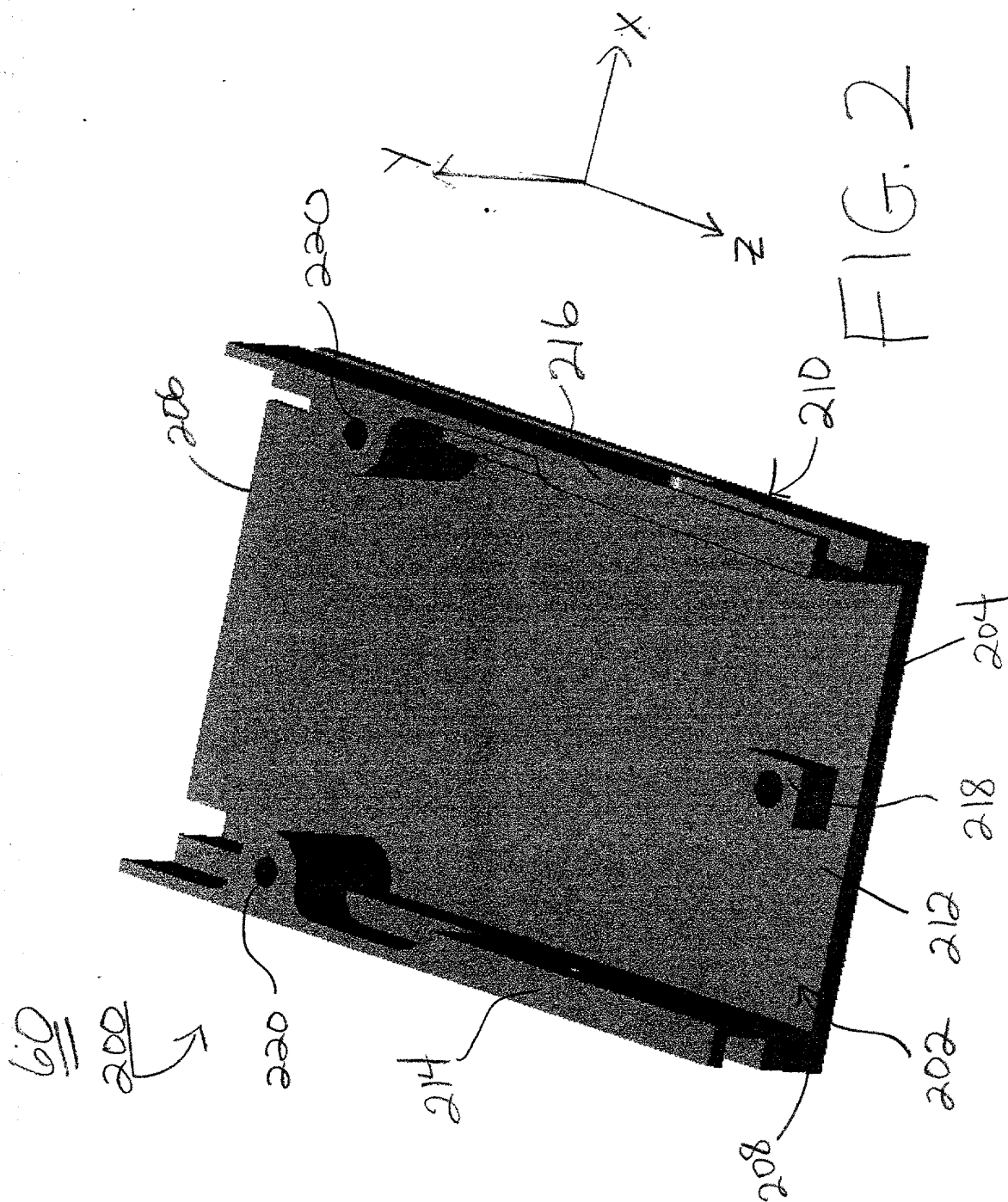
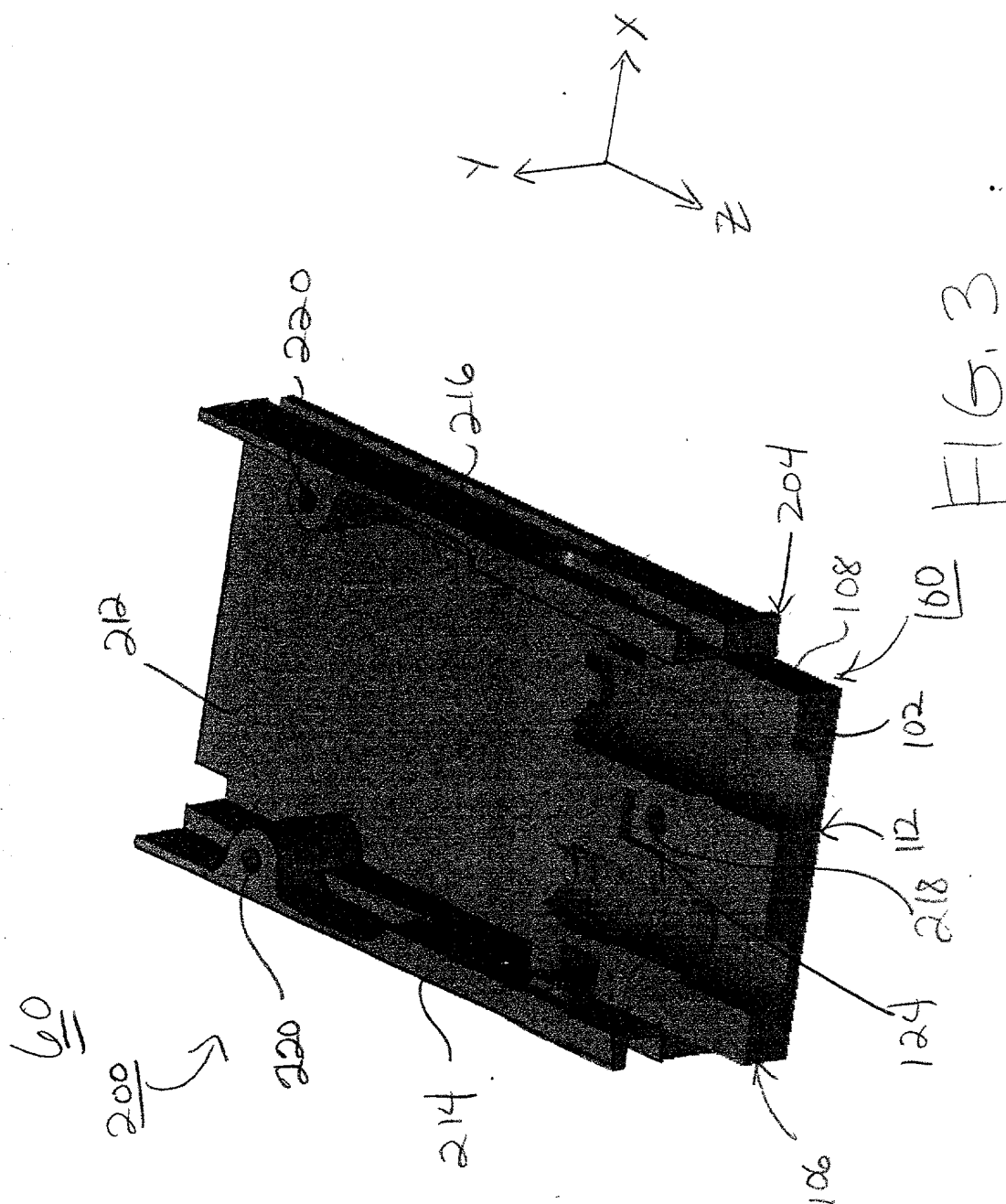
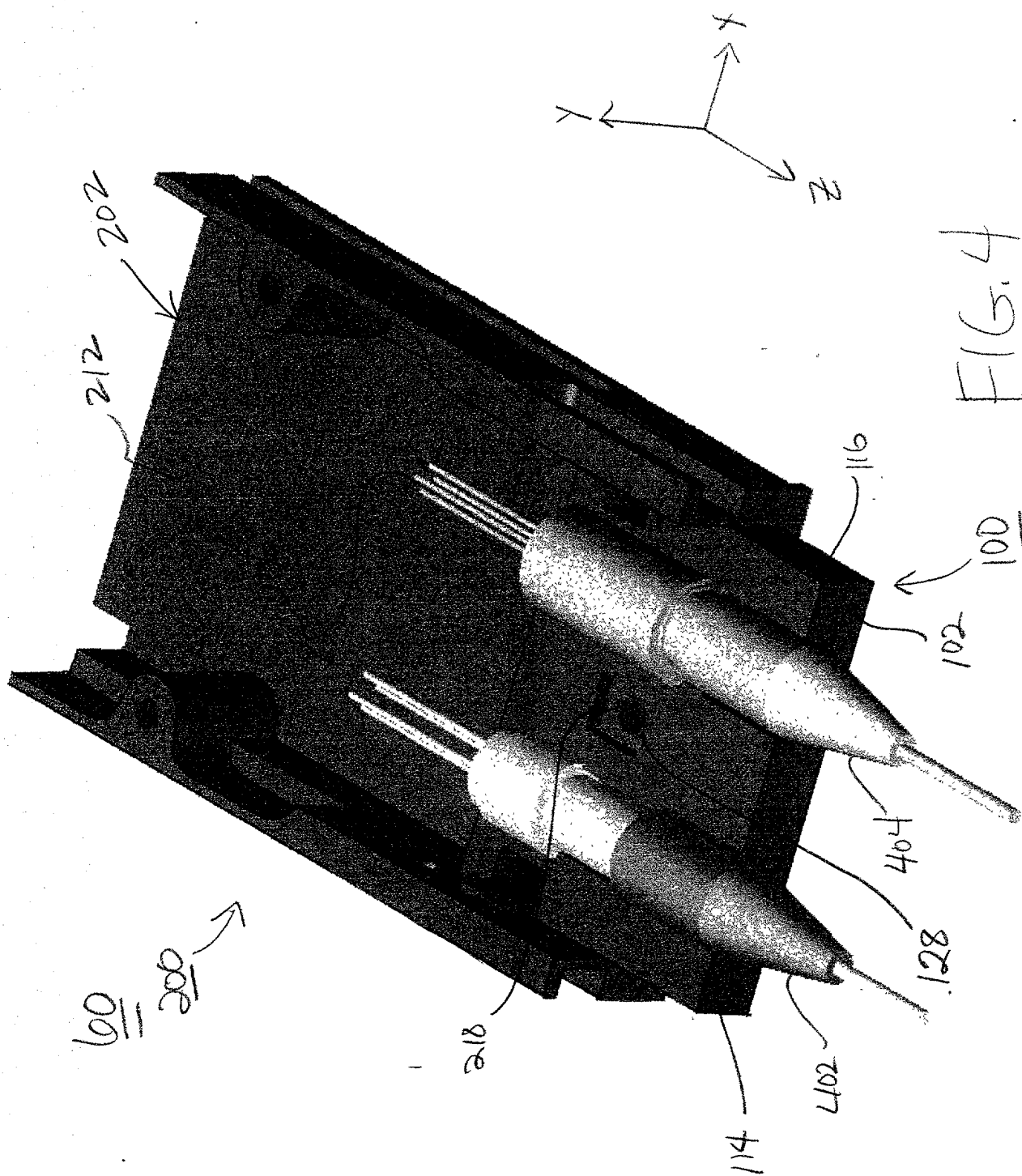


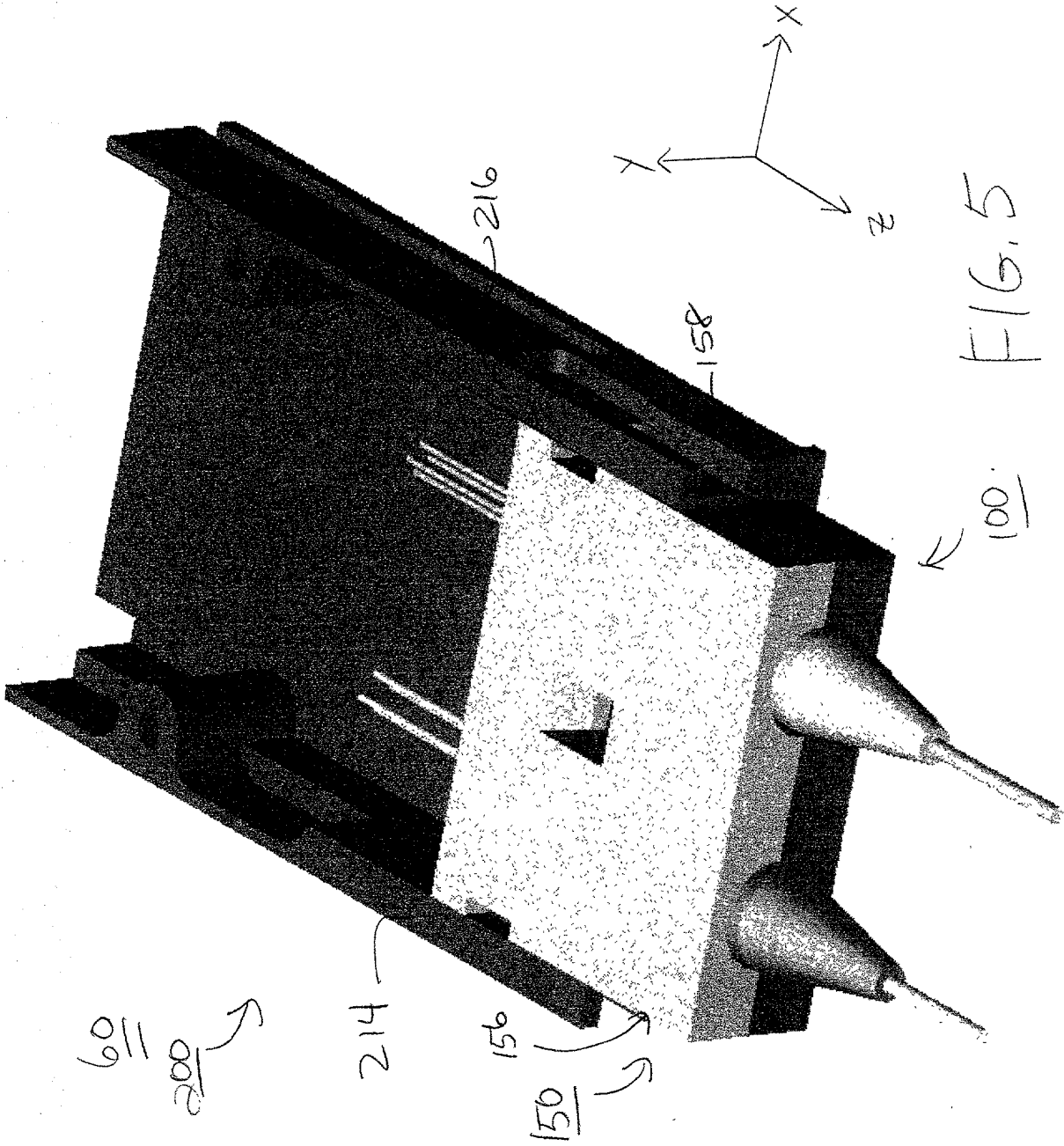
FIG. 1J

FIG. 2 is a perspective view of the device 200 in a closed position. The device 200 includes a housing 202, a display 204, a camera 206, a microphone 208, a speaker 210, a sensor 212, a processor 214, a memory 216, a battery 218, and a user interface 220.

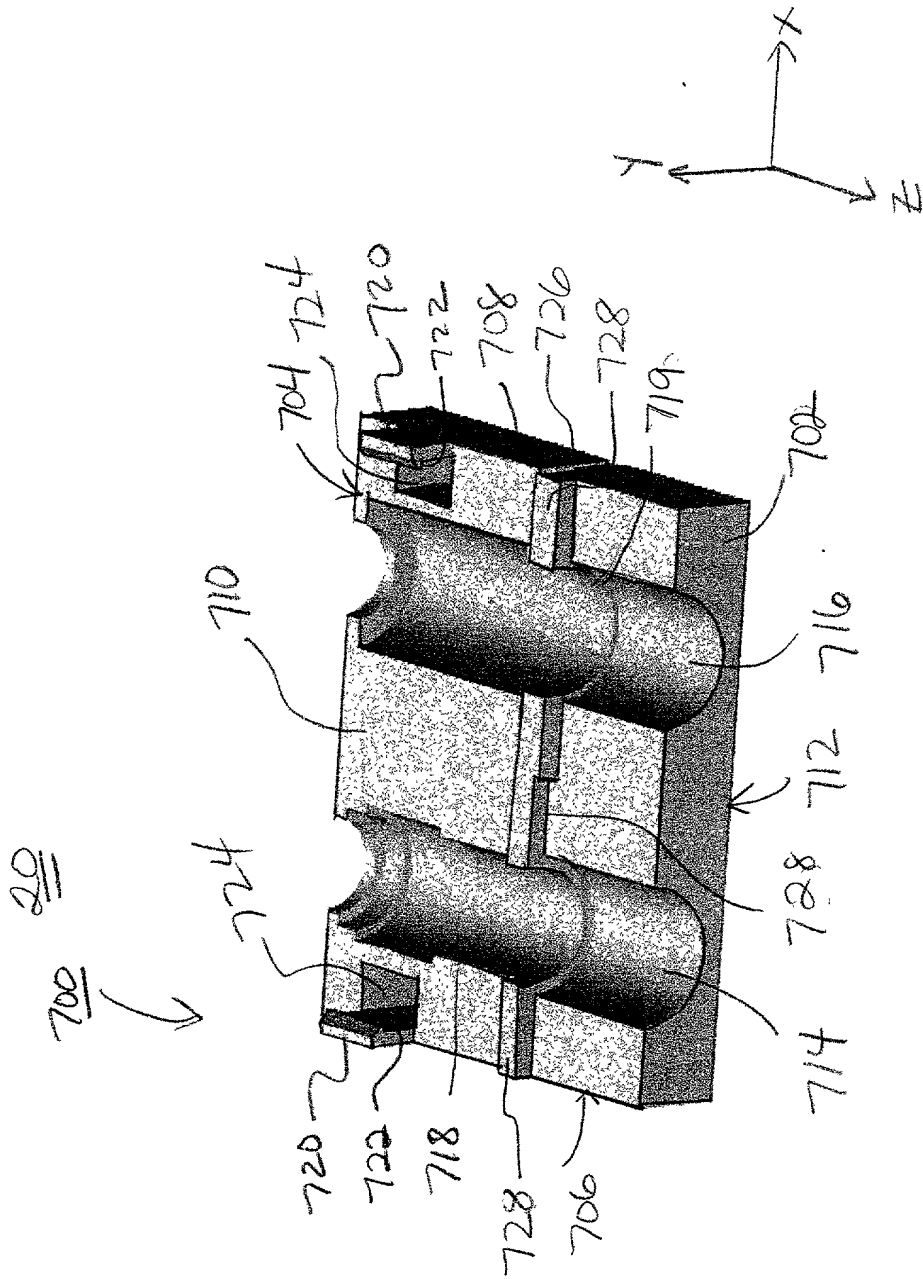








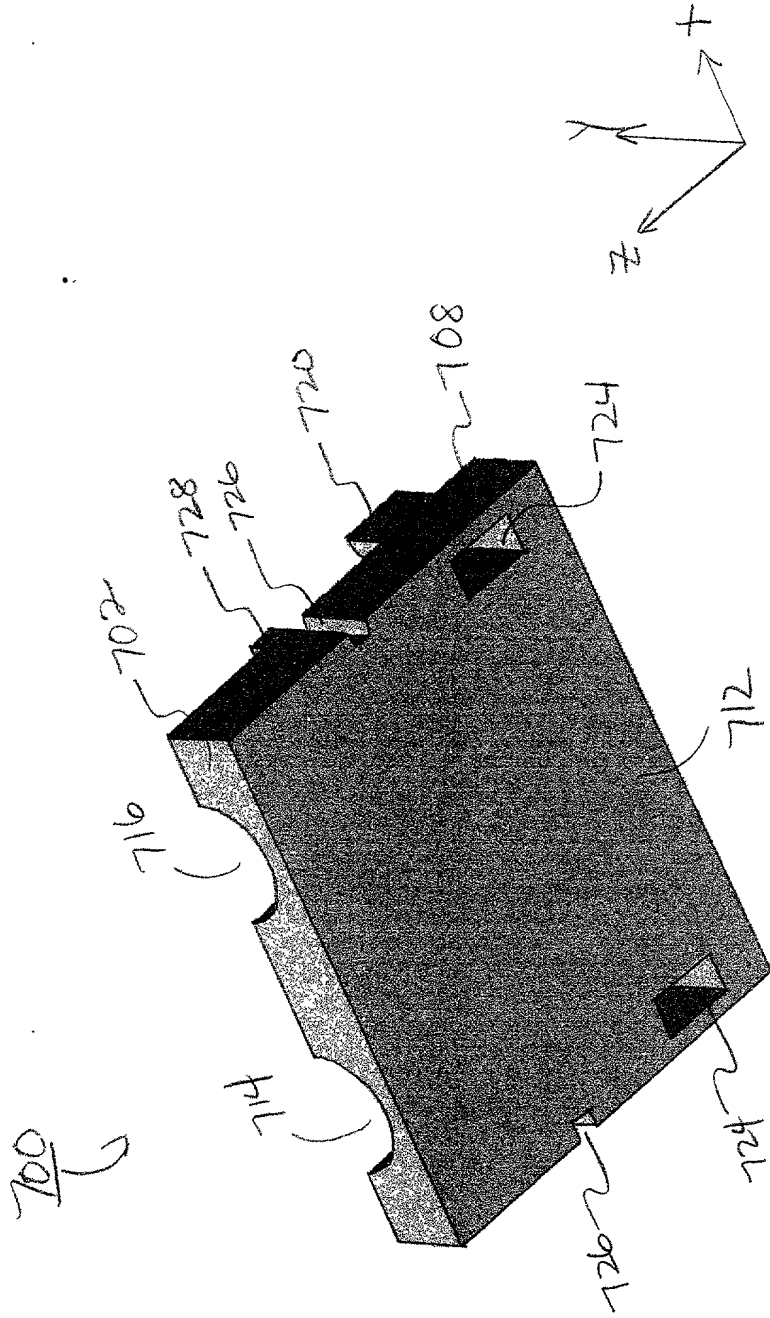




TOP PERSPECTIVE VIEW  
FIG. 7A



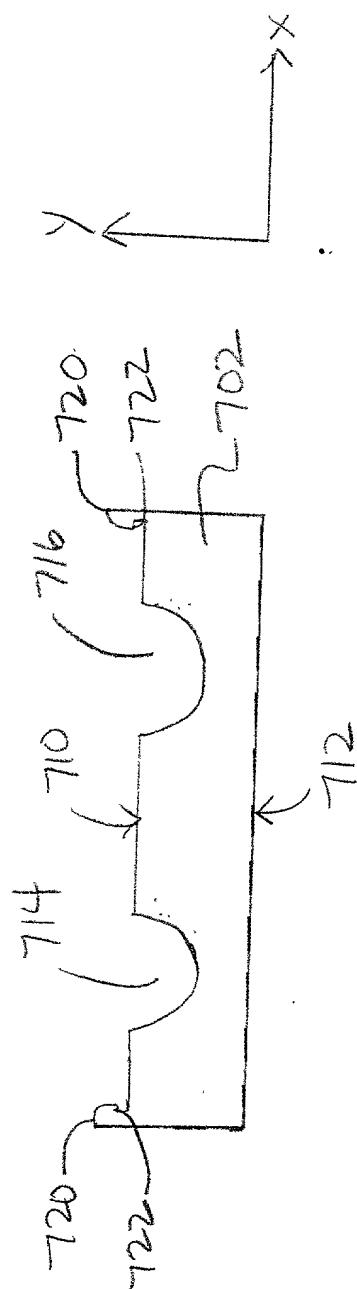
20



BOTTOM PERSPECTIVE VIEW  
FIG. 7B

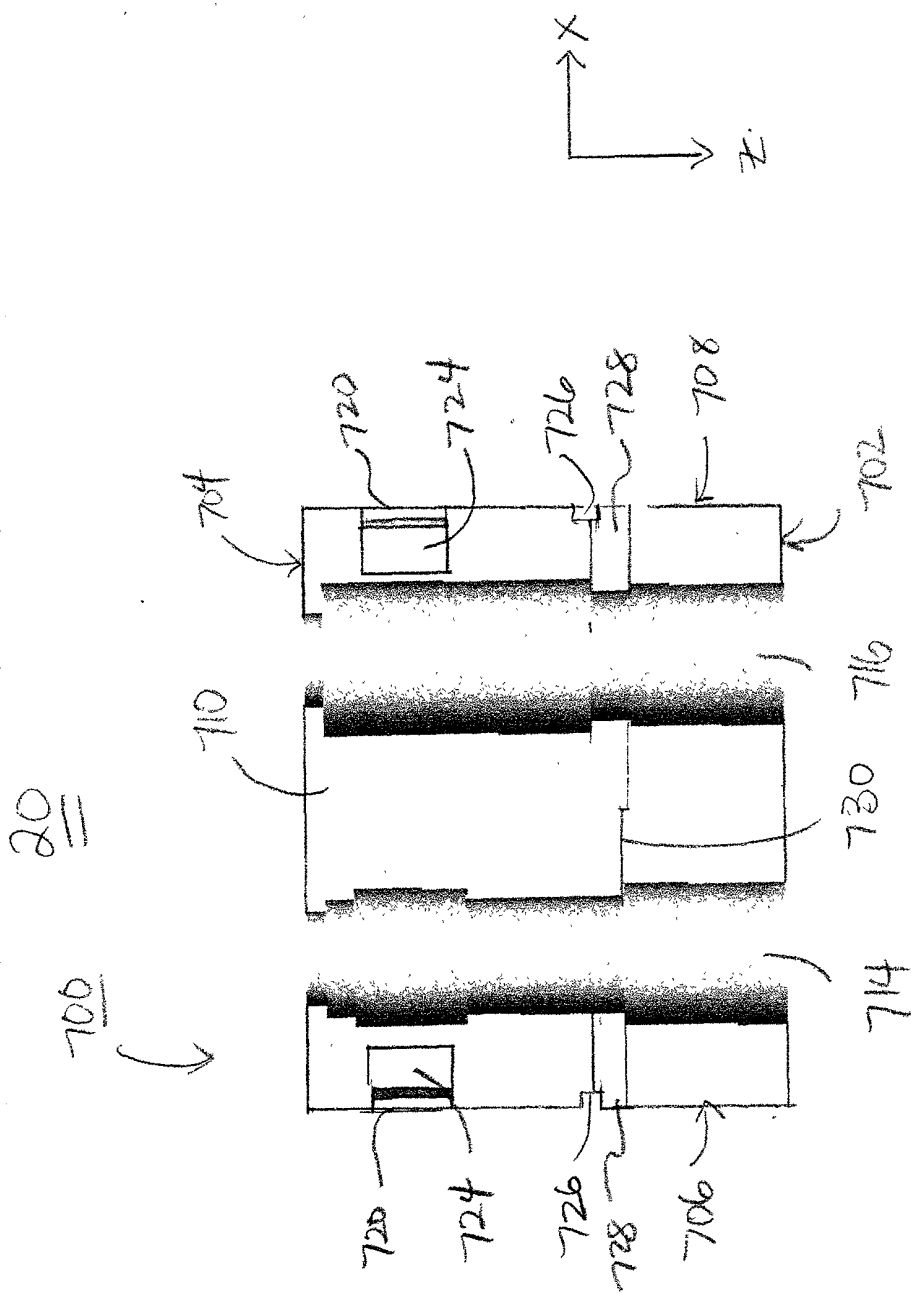
9/1

700



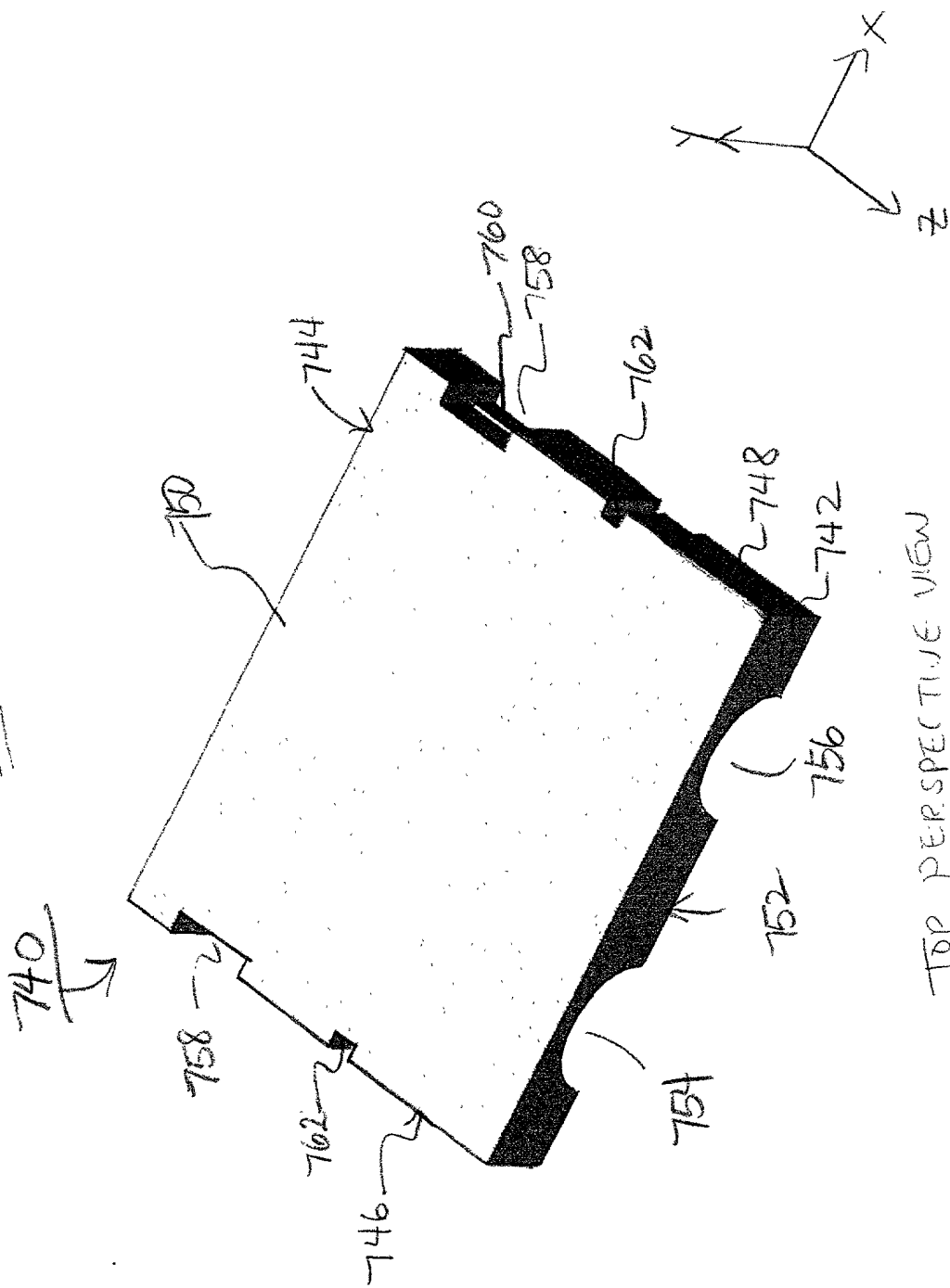
END VIEW

FIG. 7C



TOP VIEW  
 FIG. 7D

02



TOP PERSPECTIVE VIEW

21

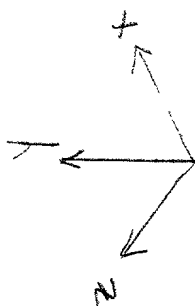
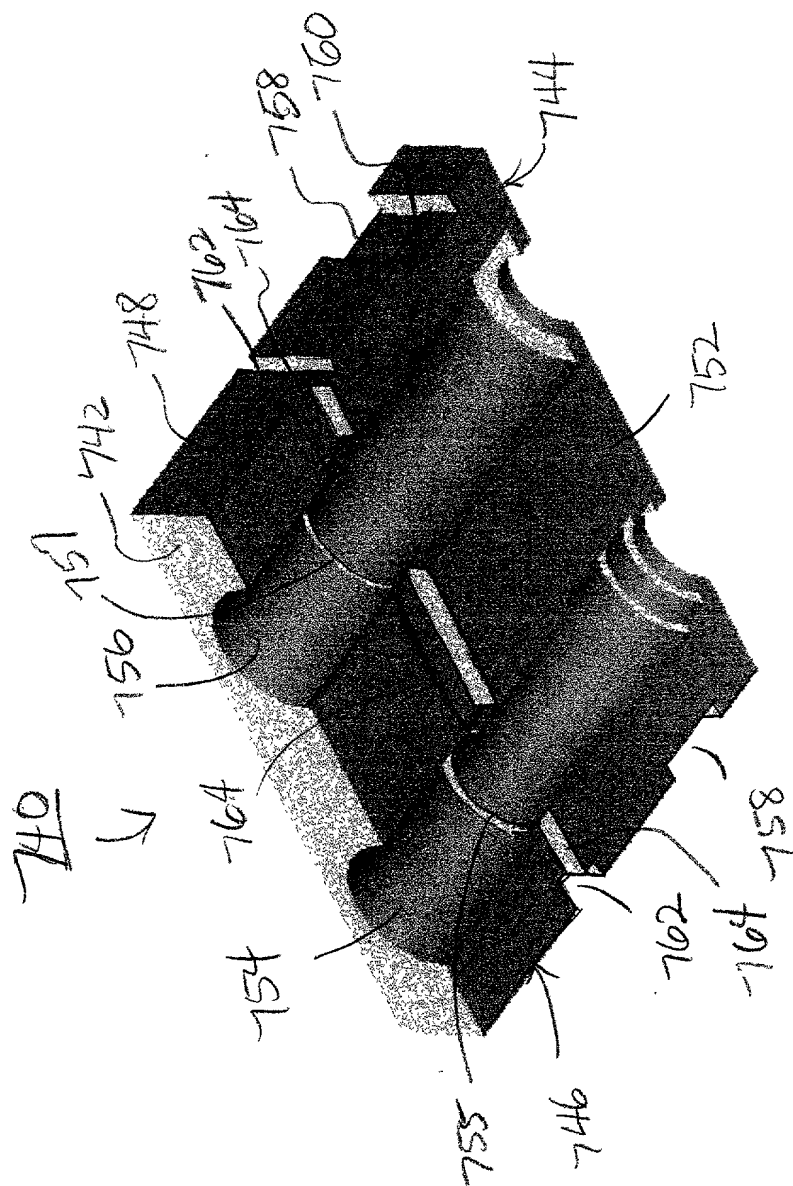
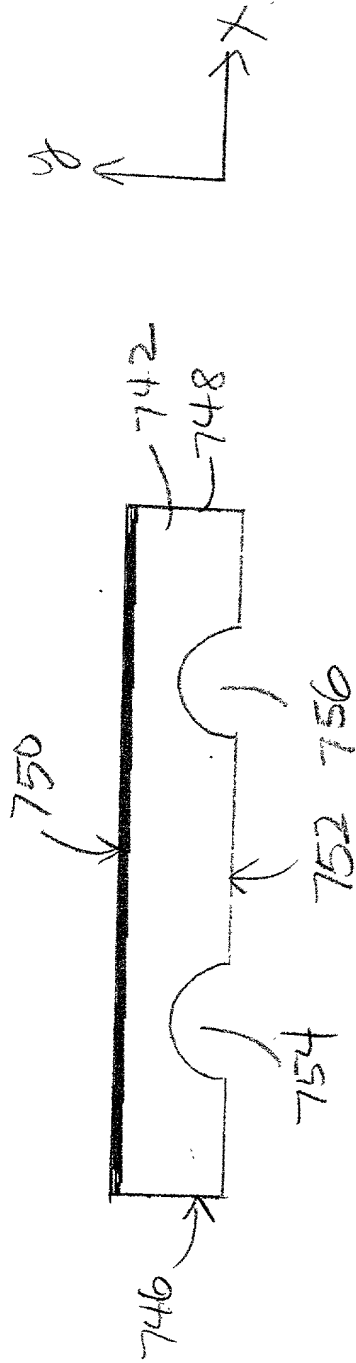


FIG. 7F  
BOTTOM PERSPECTIVE VIEW

20

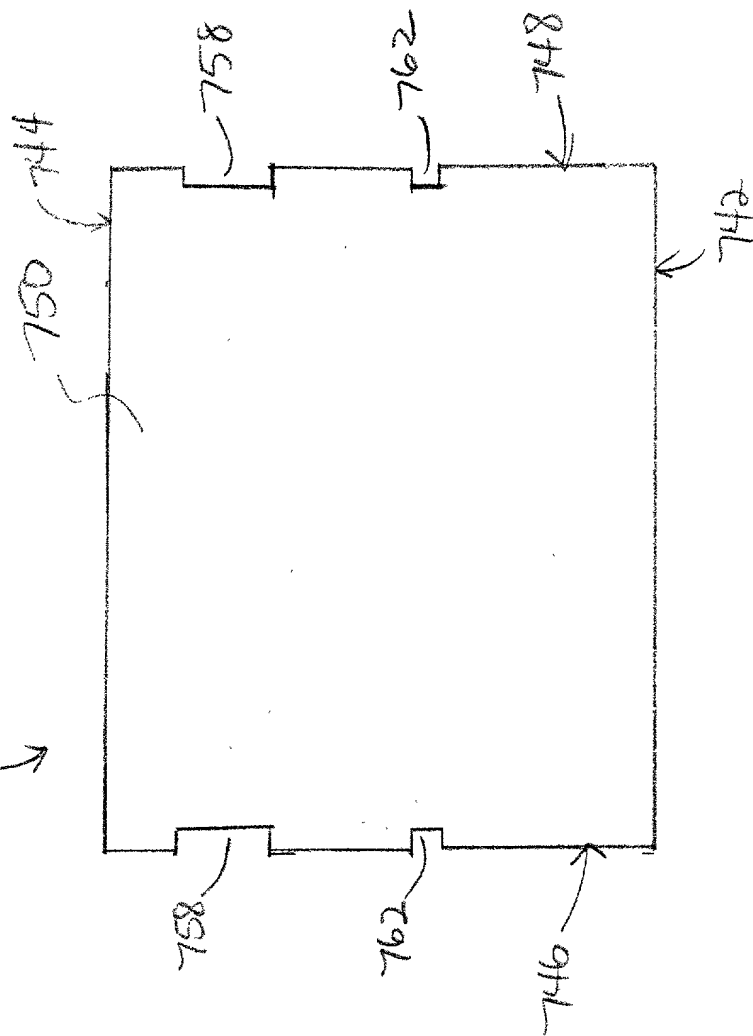
746



END VIEW  
FIG. 7G

211

7401 →



857

762

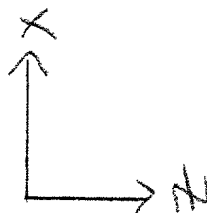
87

272

158

762

746



TOP VIEW  
FIG. 7H

727





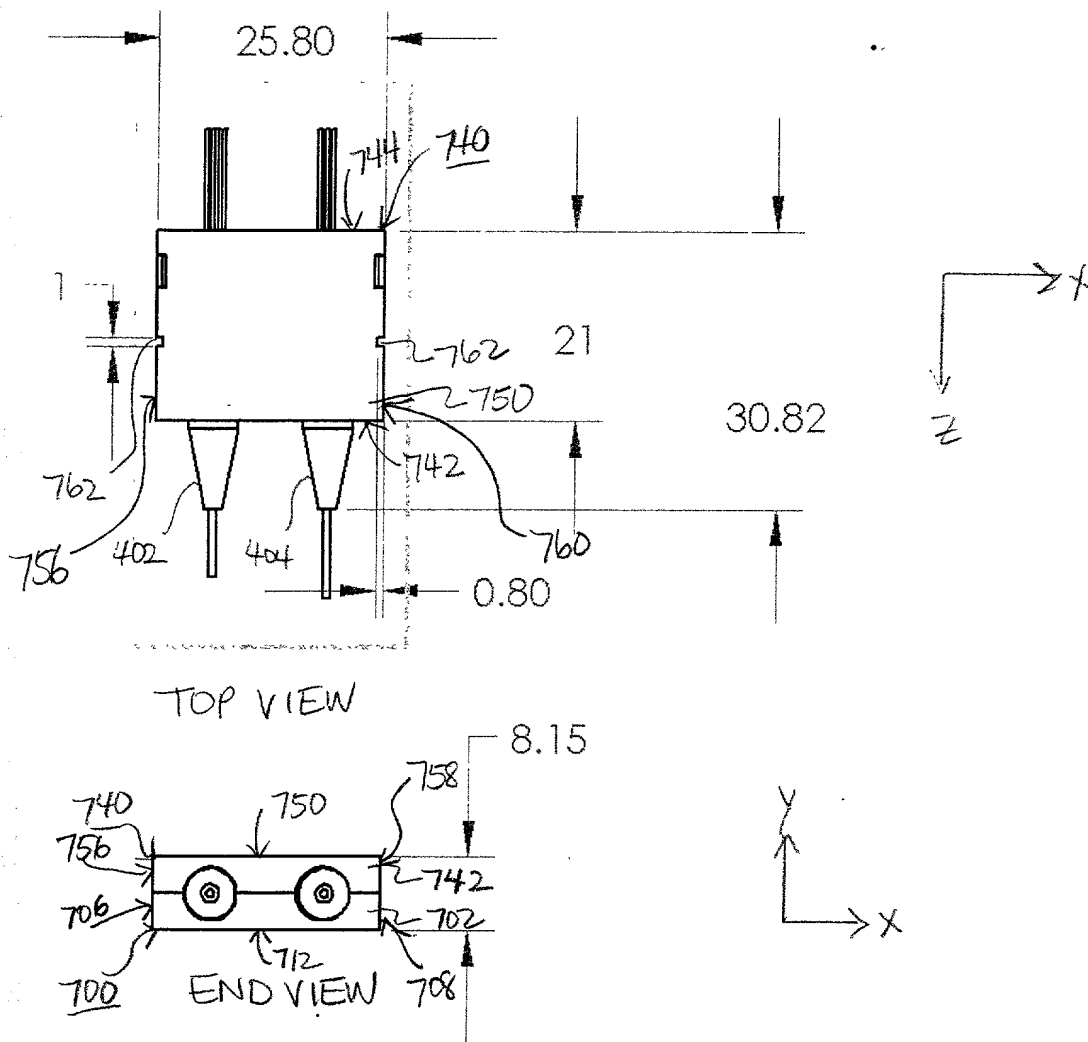
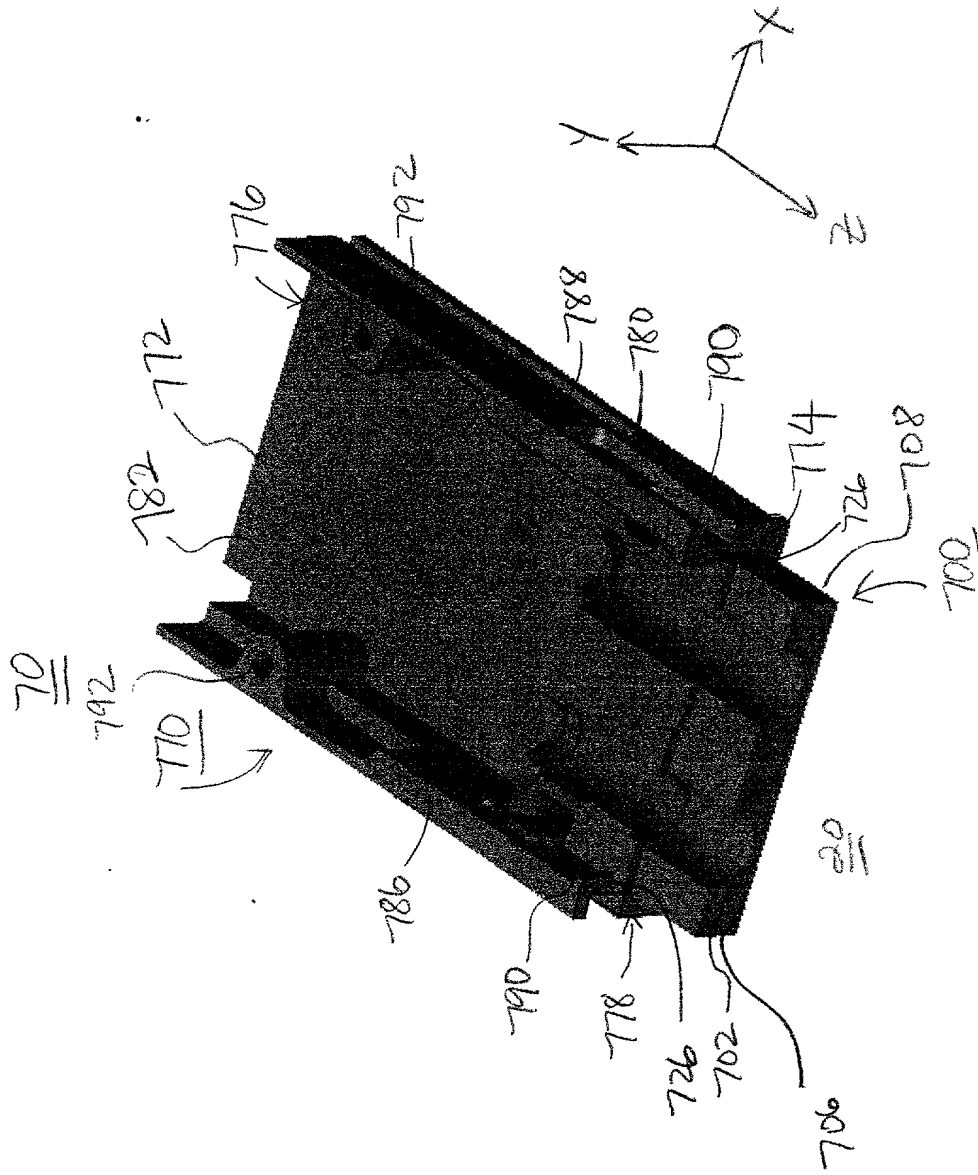


FIG. 7J



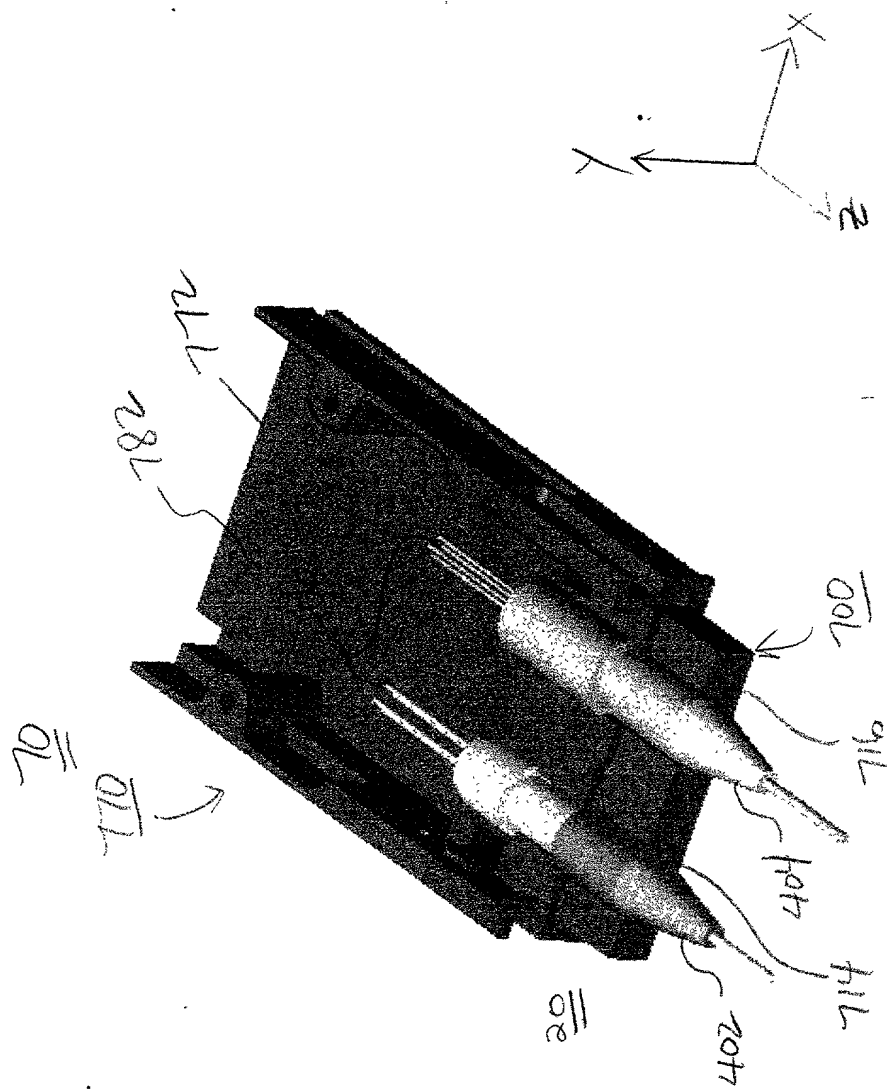


FIG. 8B

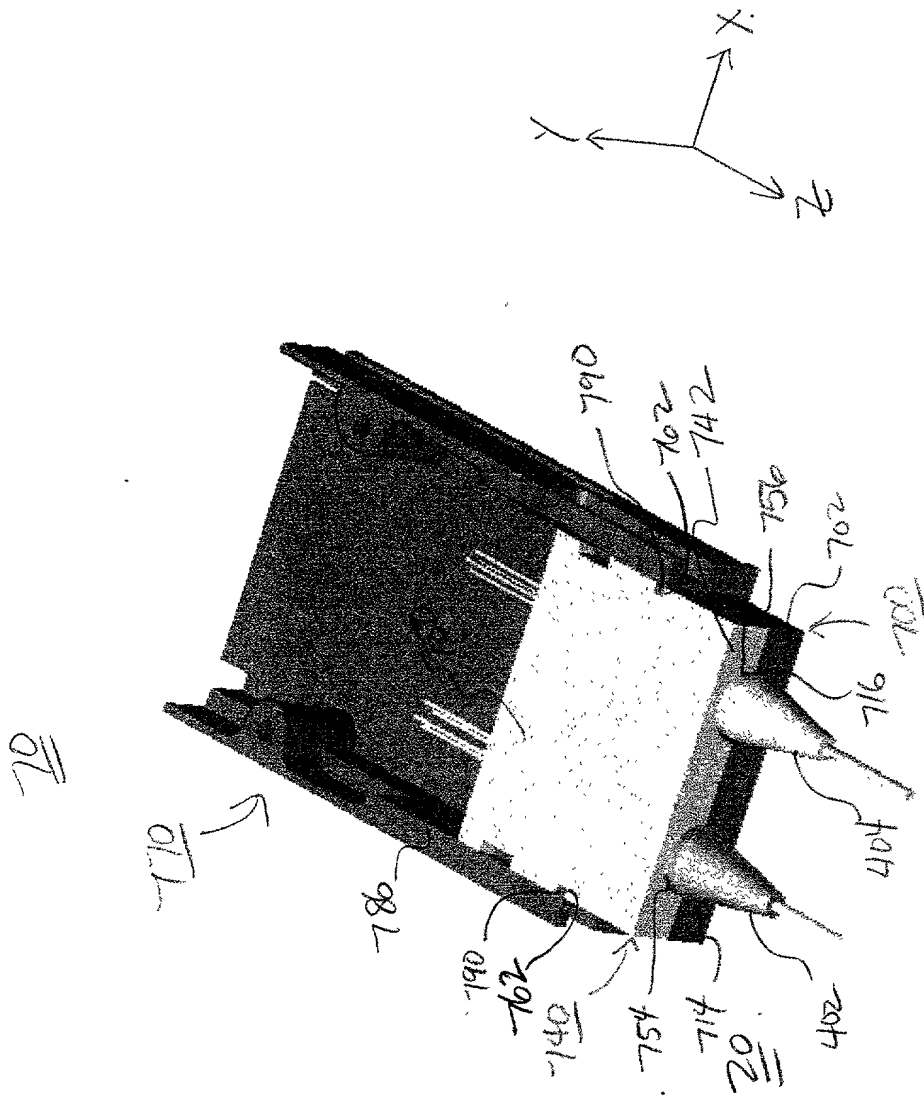
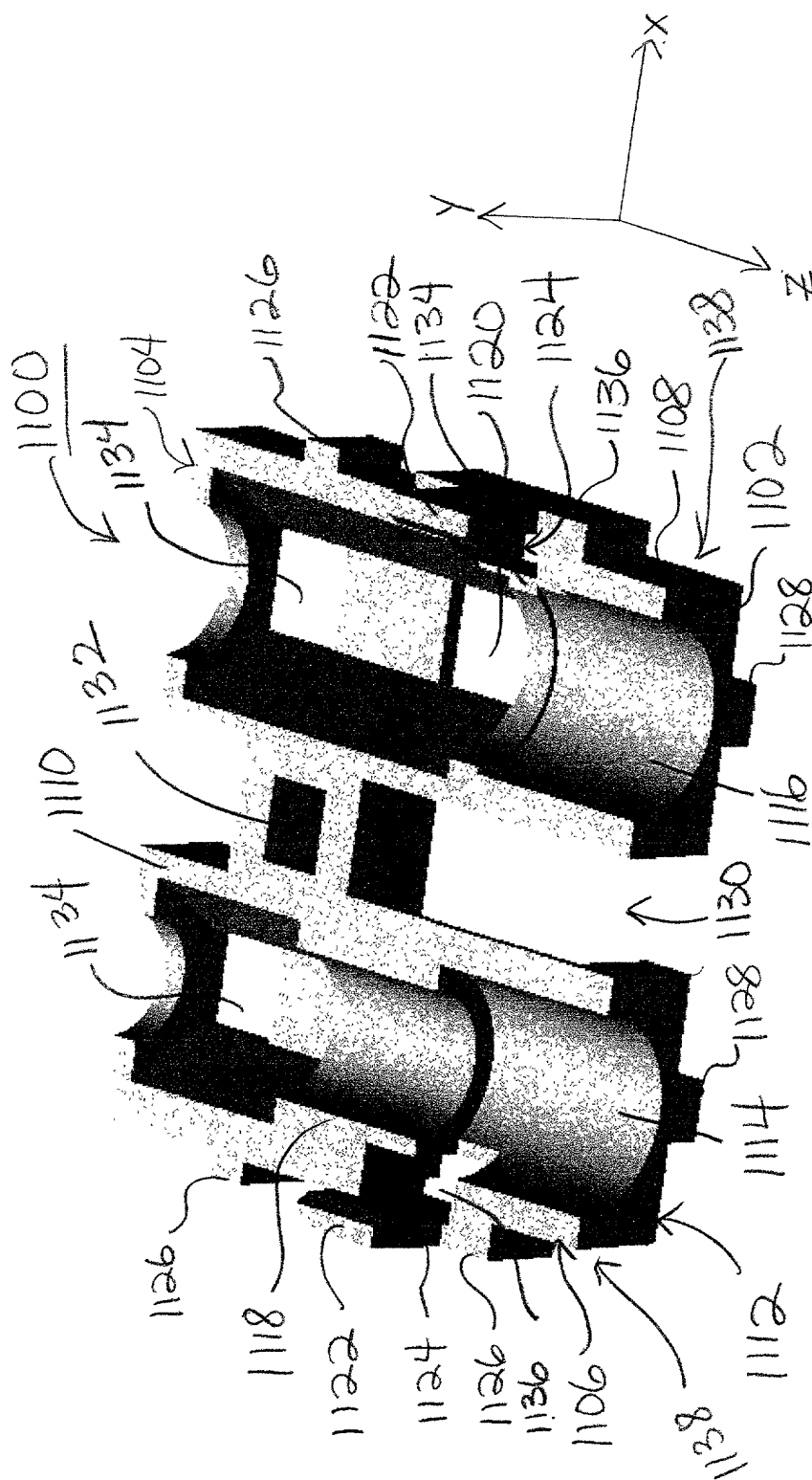


FIG. 9



Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



TOP PERSPECTIVE VIEW

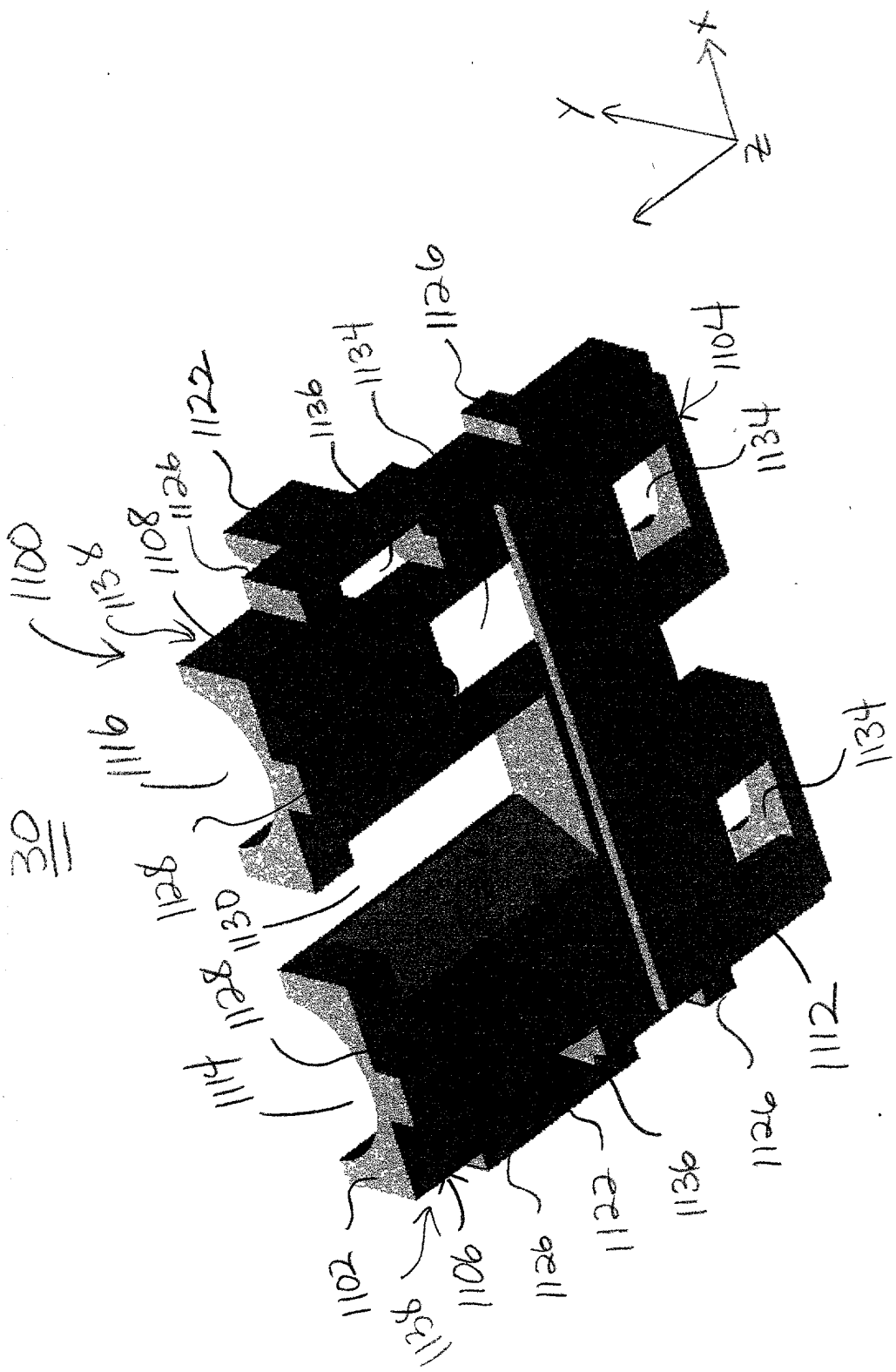
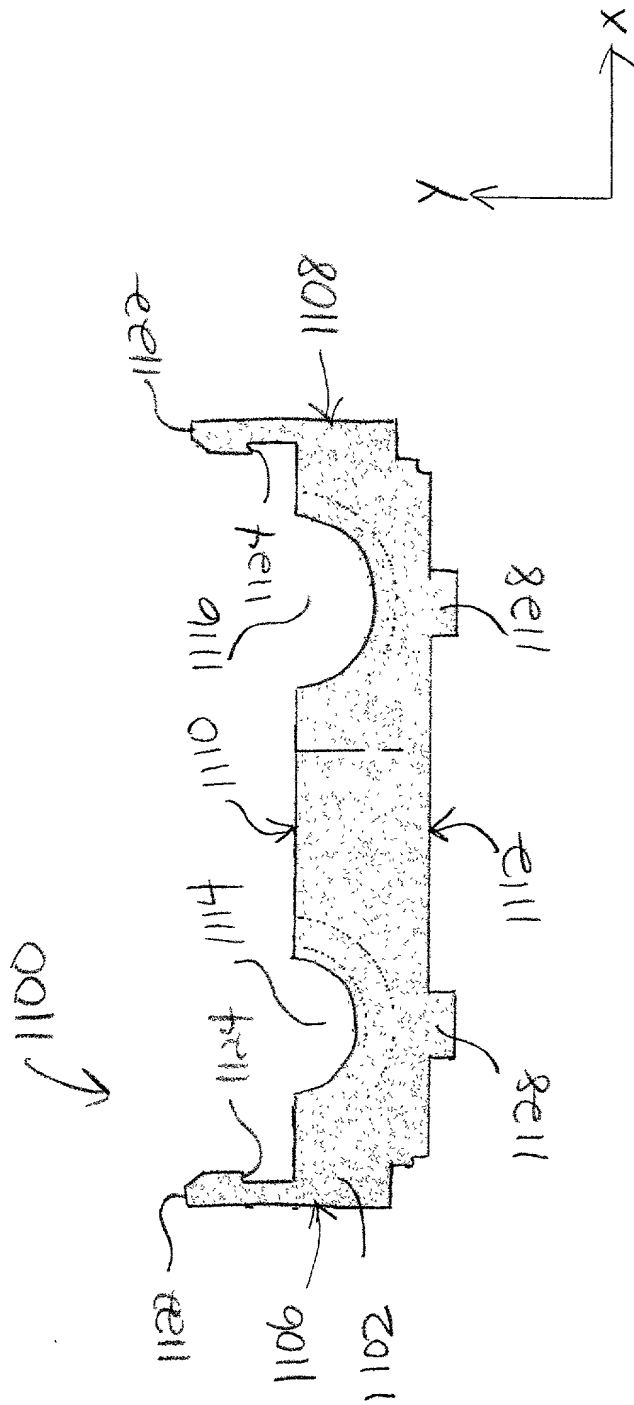


FIG. 11B  
BOTTOM PERSPECTIVE VIEW

30

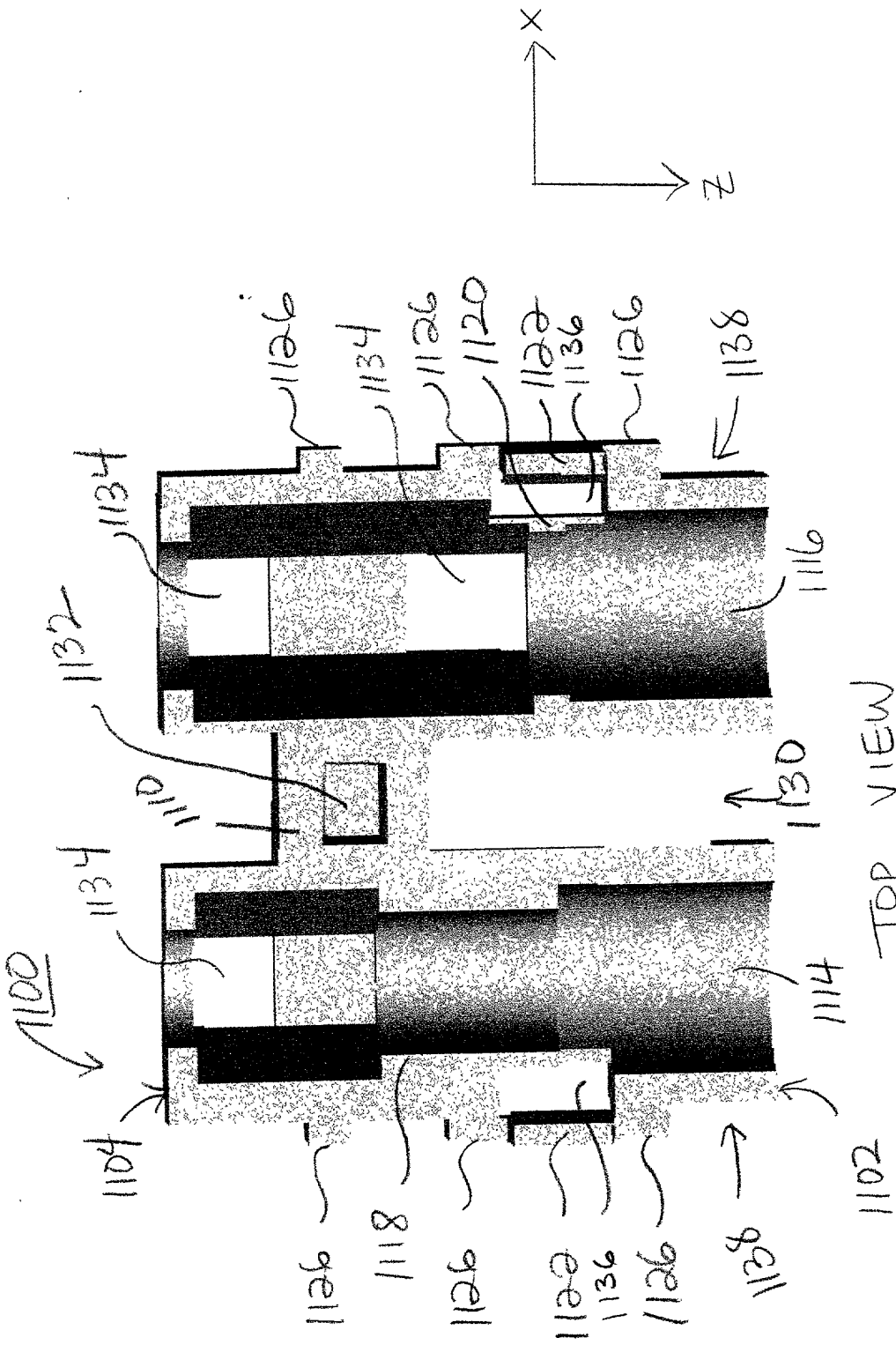


END VIEW

FIG. 11C



30



TOP VIEW

FIG. 11D

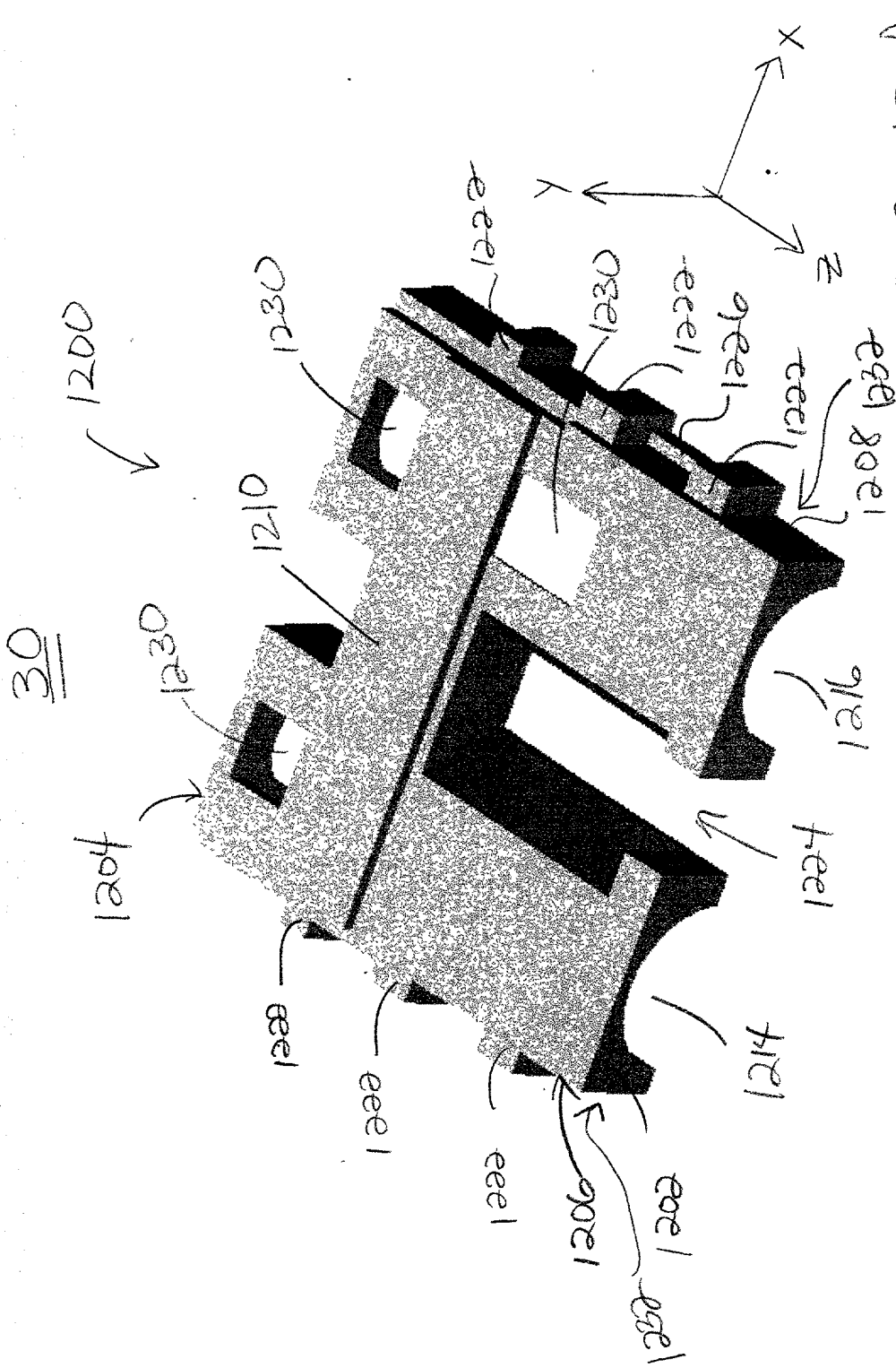
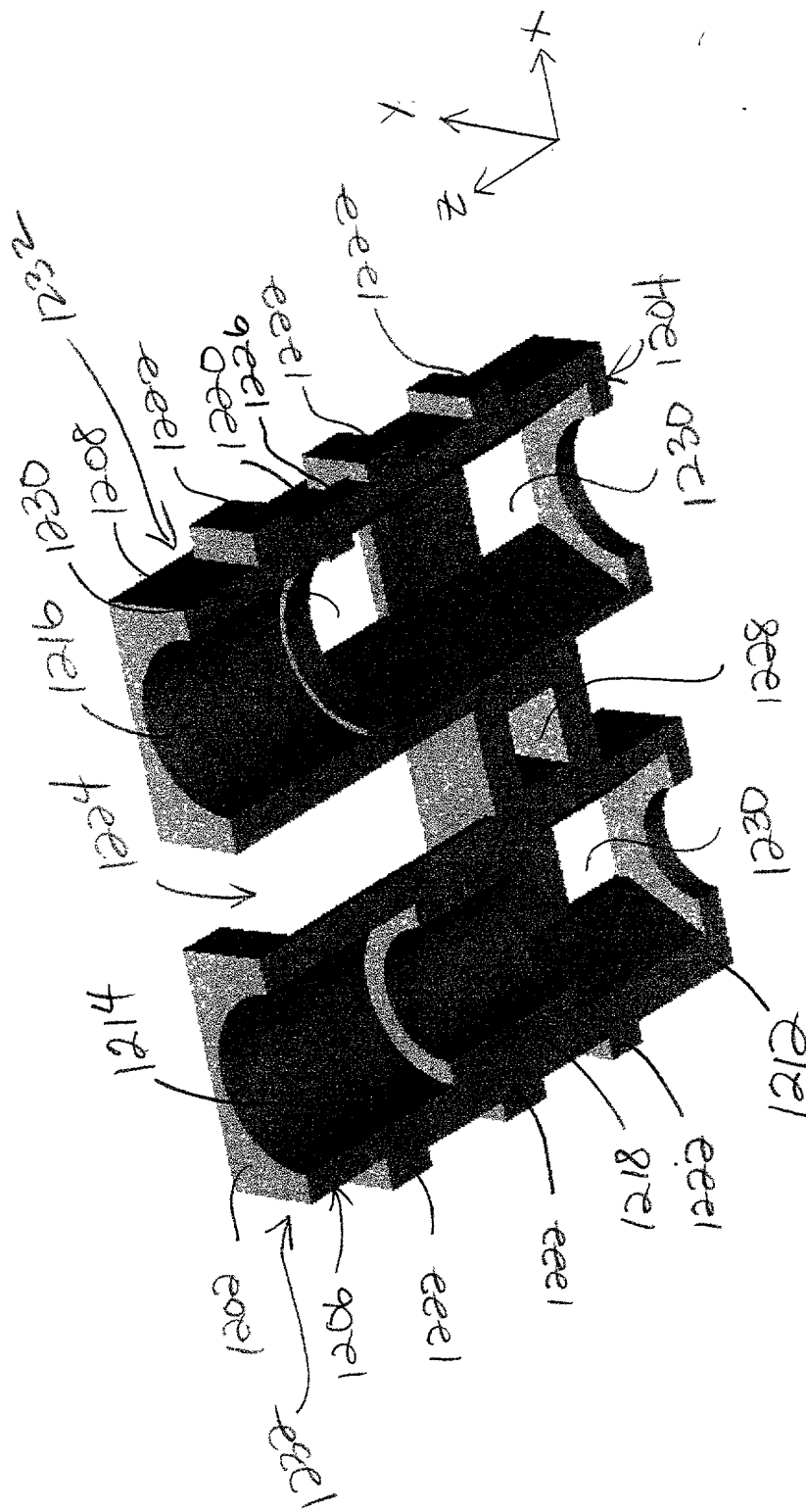


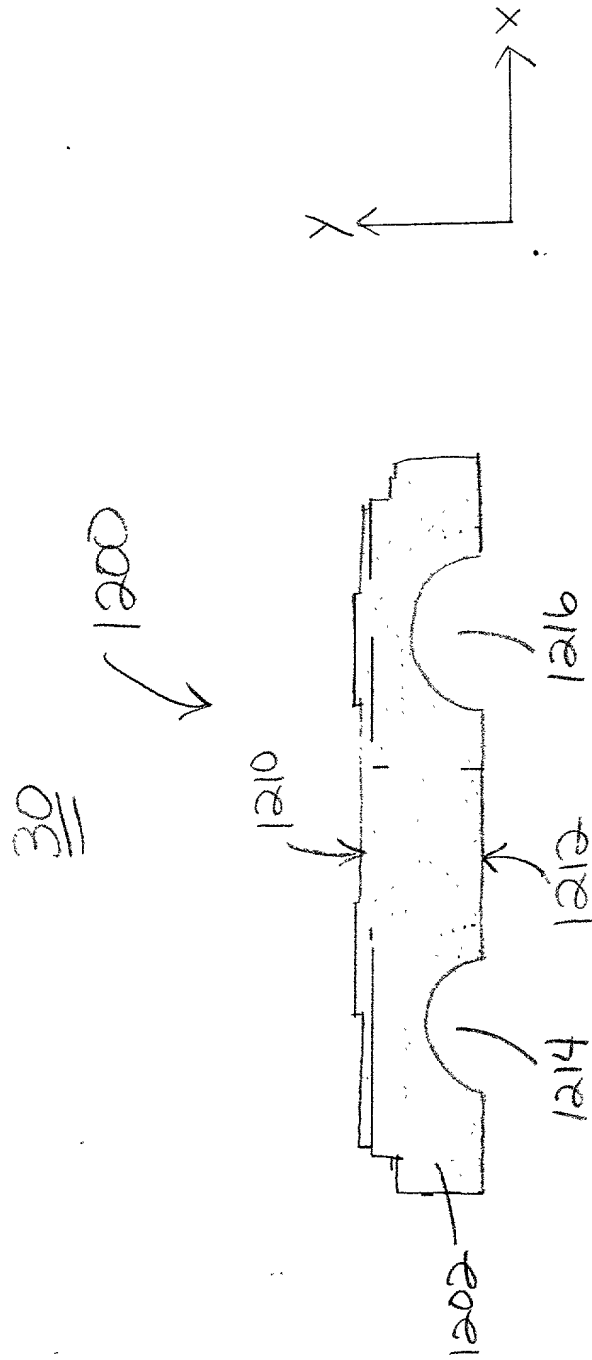
FIG. 12A

TOP PERSPECTIVE VIEW

1200 ✓  
30



BOTTOM PERSPECTIVE VIEW

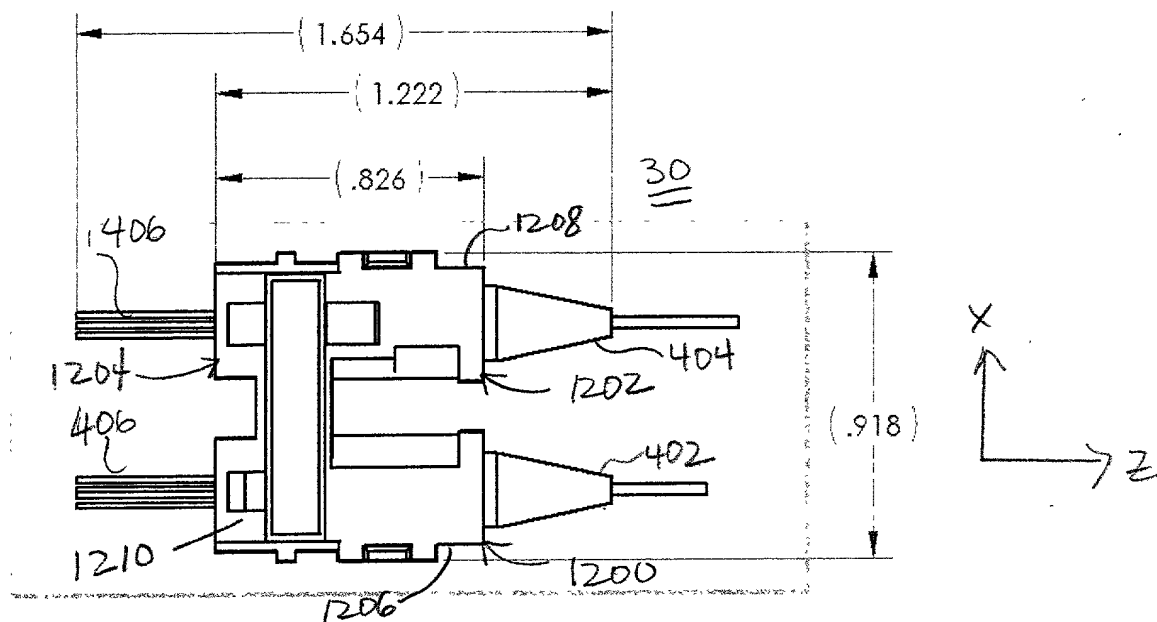


END VIEW

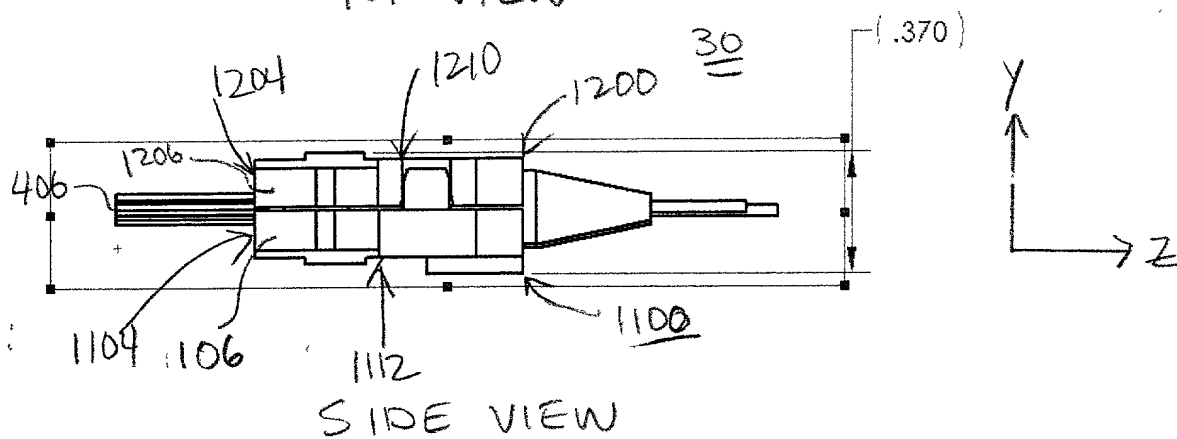
FIG. 12C



Fig. 12A



TOP VIEW



SIDE VIEW

FIG. 12E

80

1300

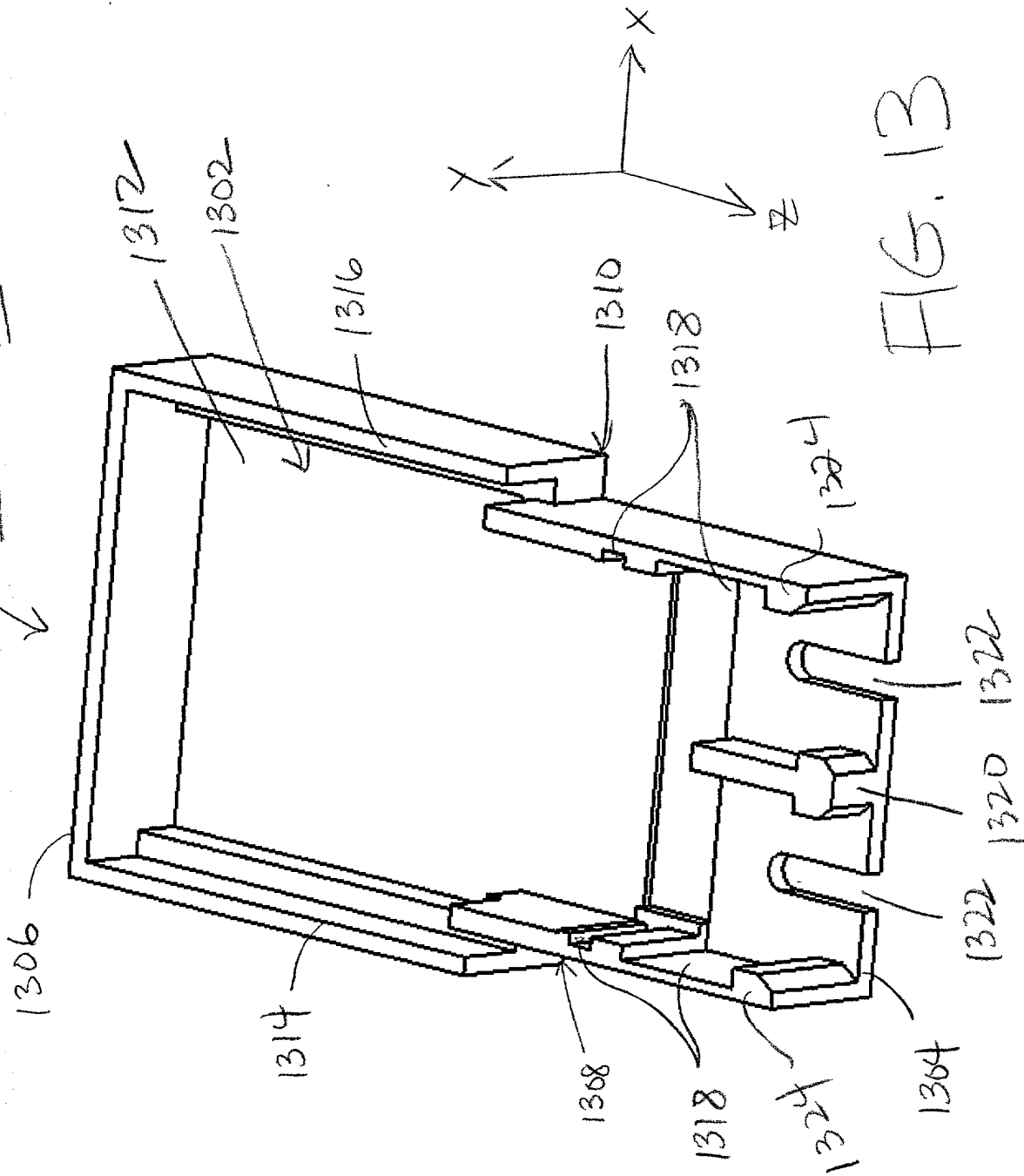
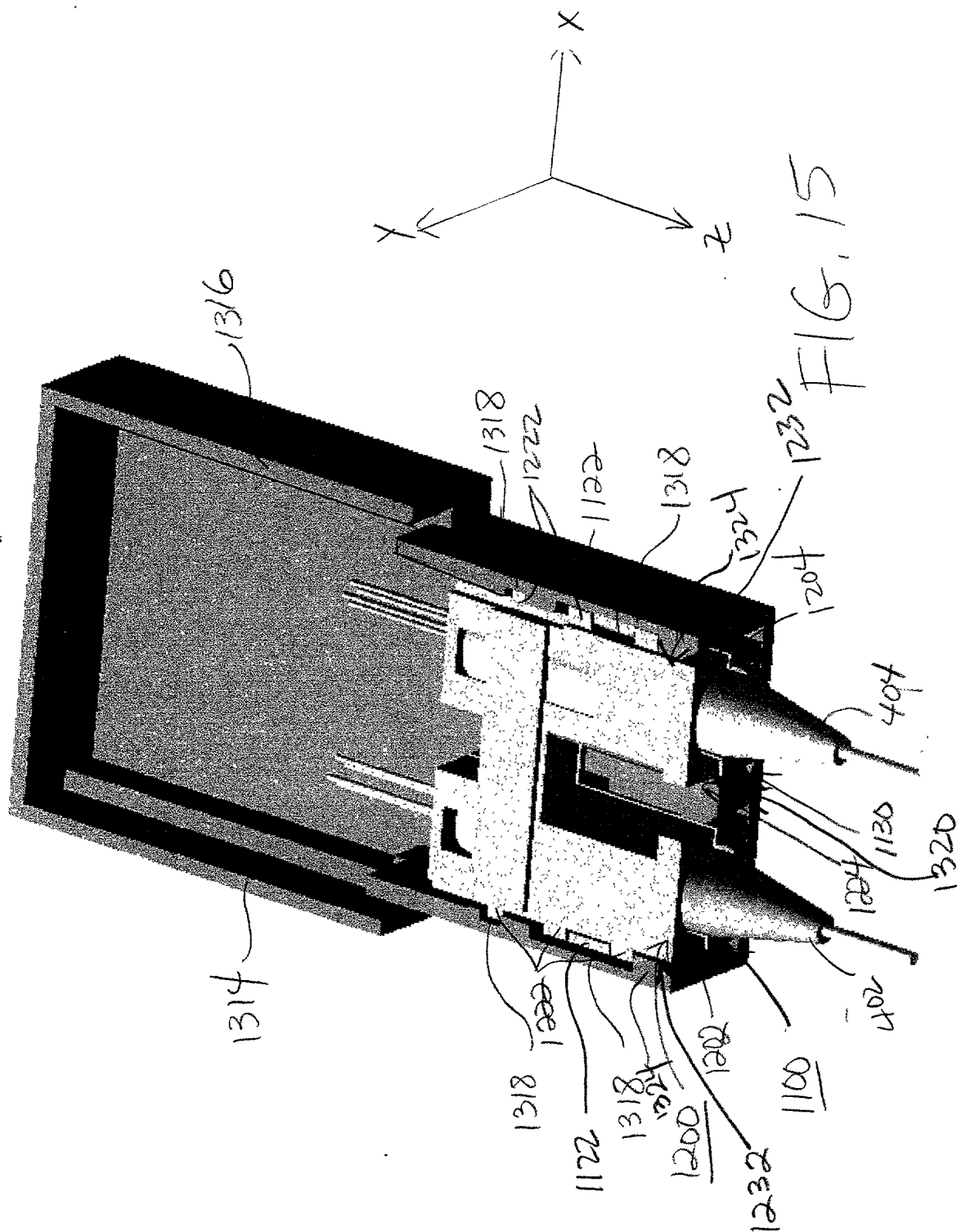


FIG. 13





FIG. 15



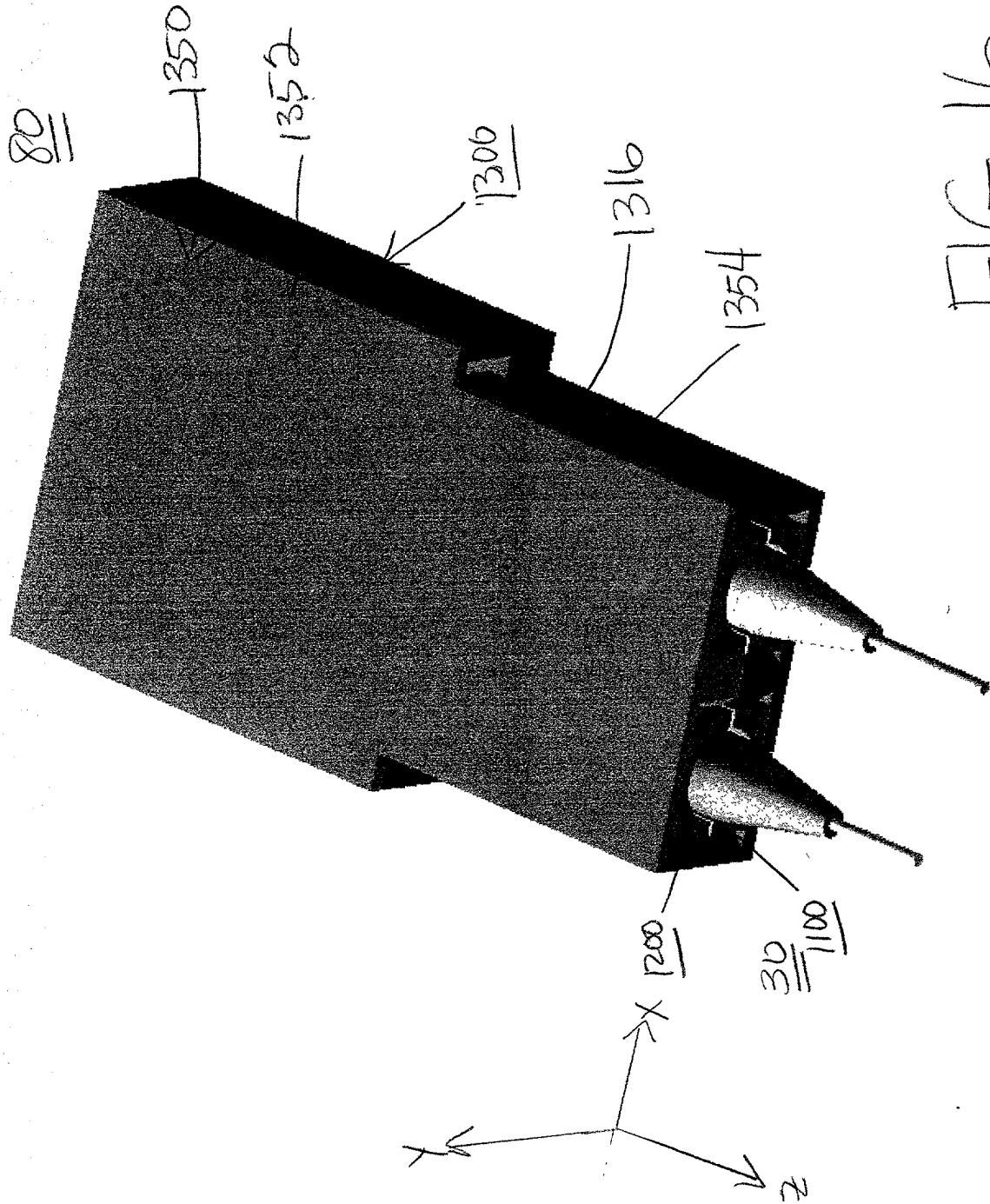
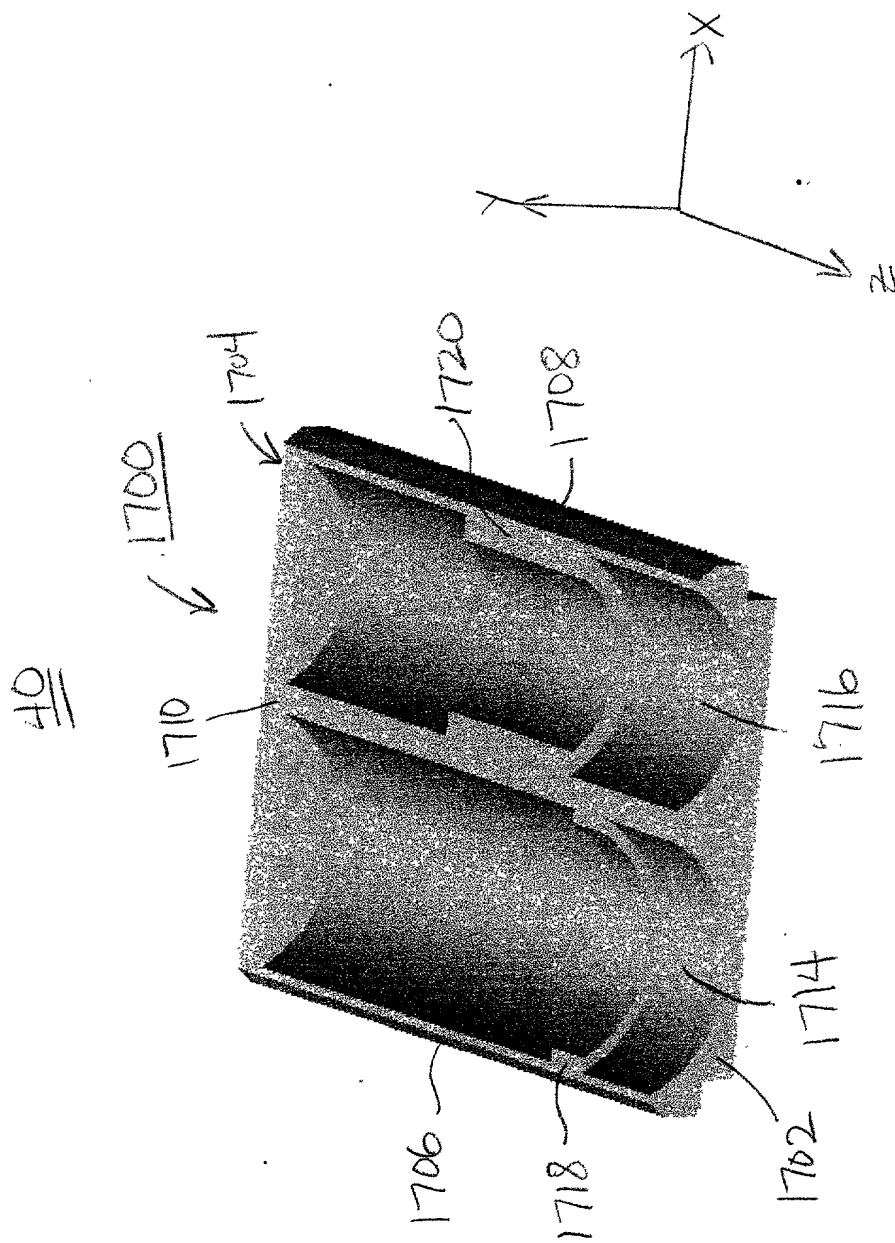
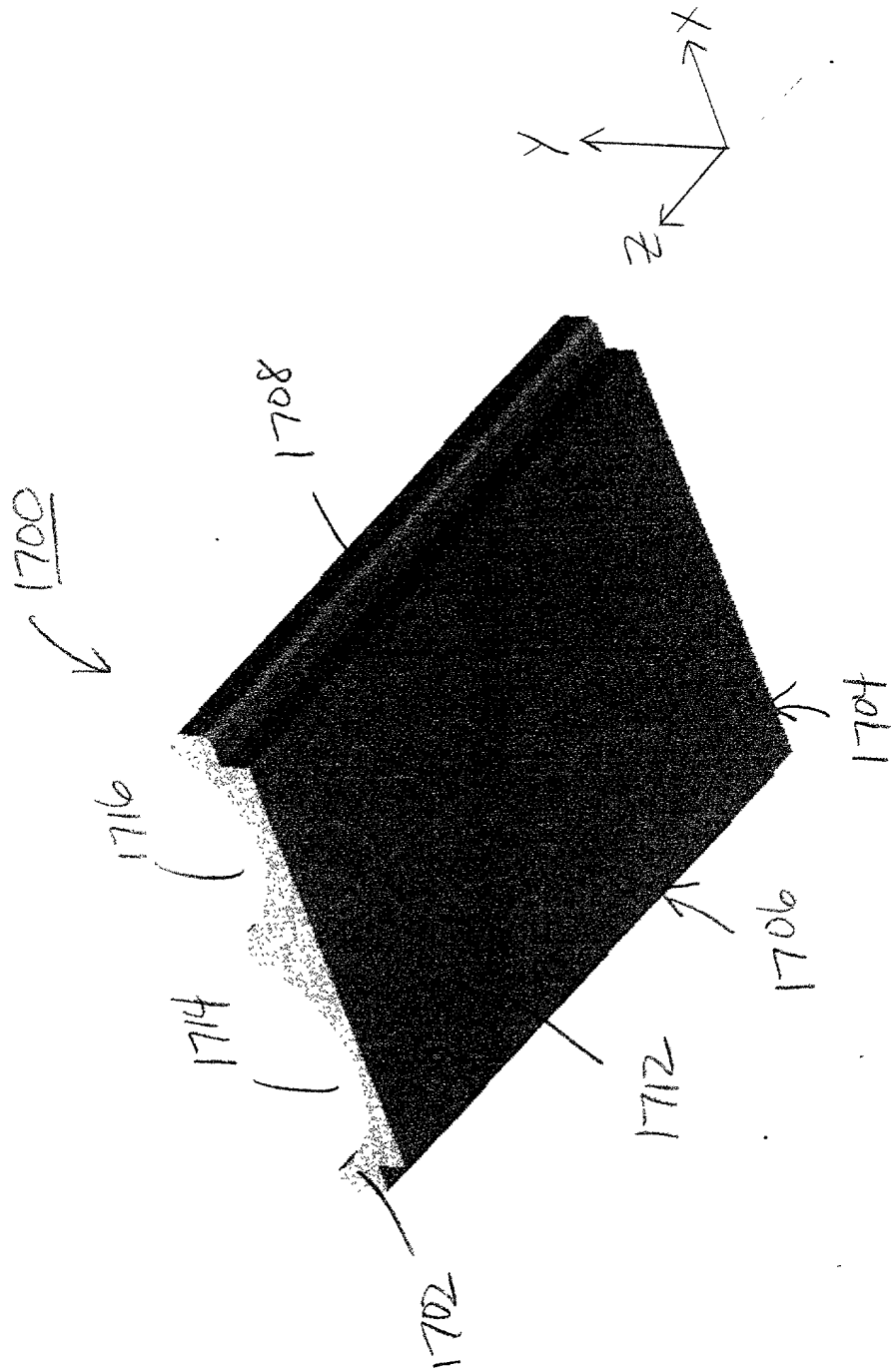


FIG. 16



TOP PERSPECTIVE VIEW  
FIG. 17A

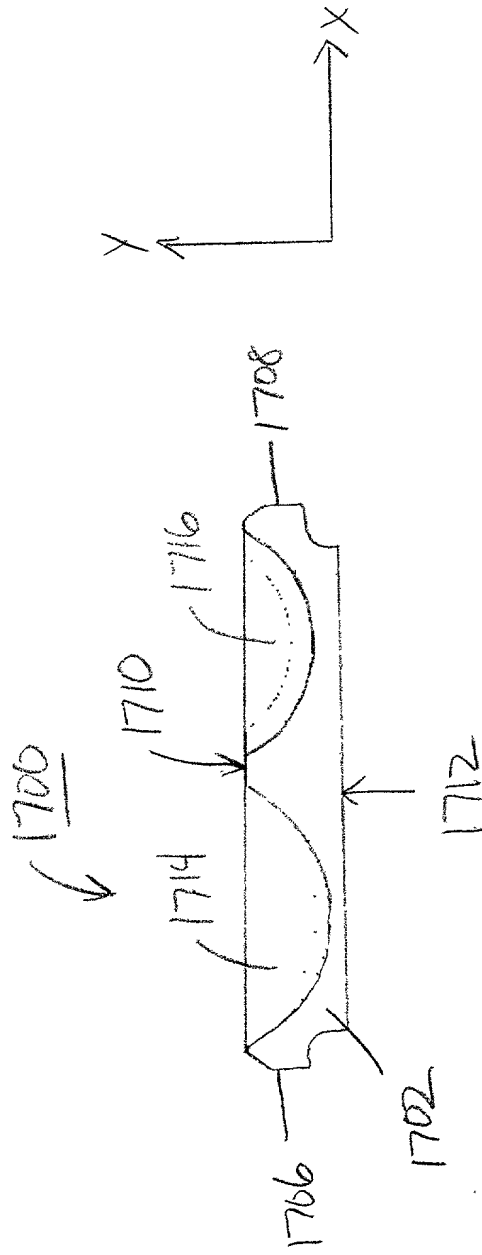
40



BOTTOM PERSPECTIVE VIEW

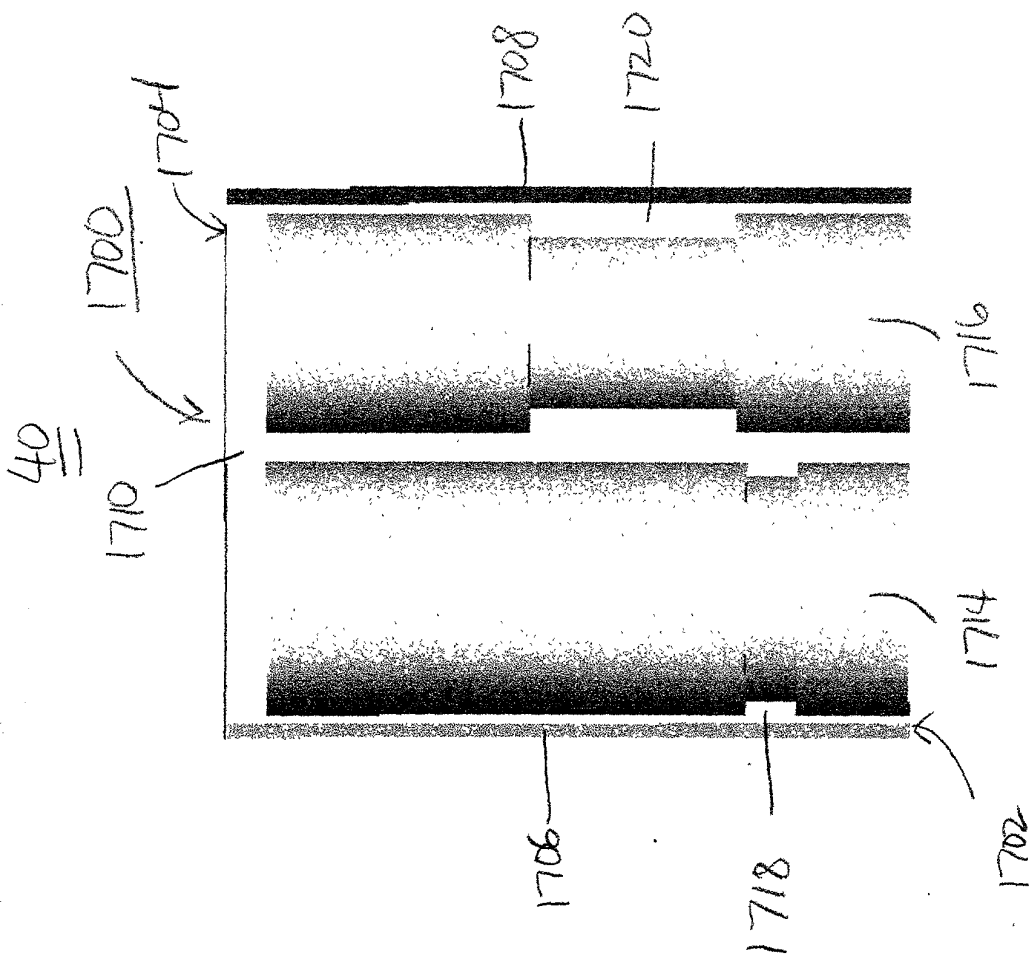
FIG. 17B

401



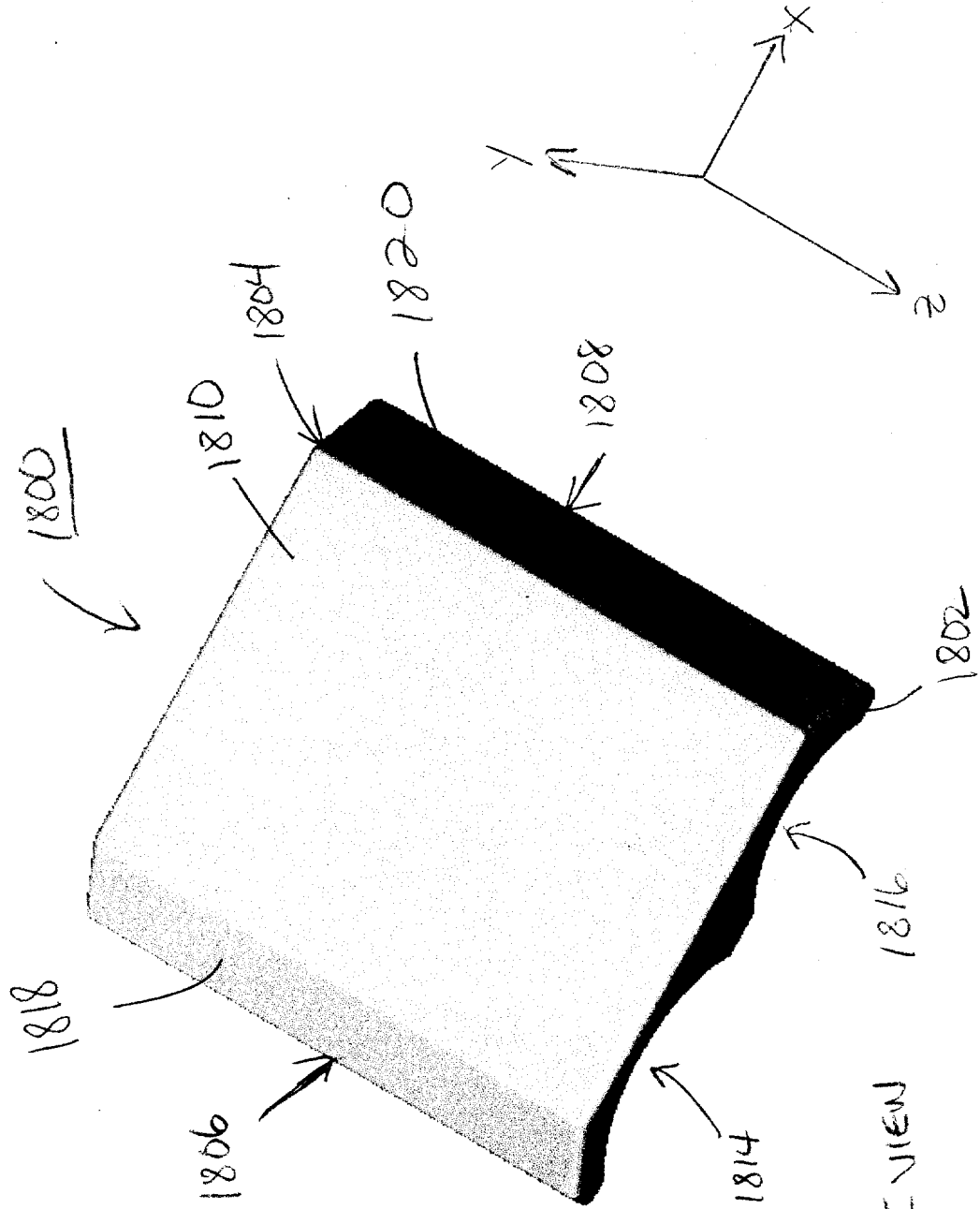
ENDING

116170



TOP VIEW  
FIG. 17D

4011



TOP PERSPECTIVE VIEW

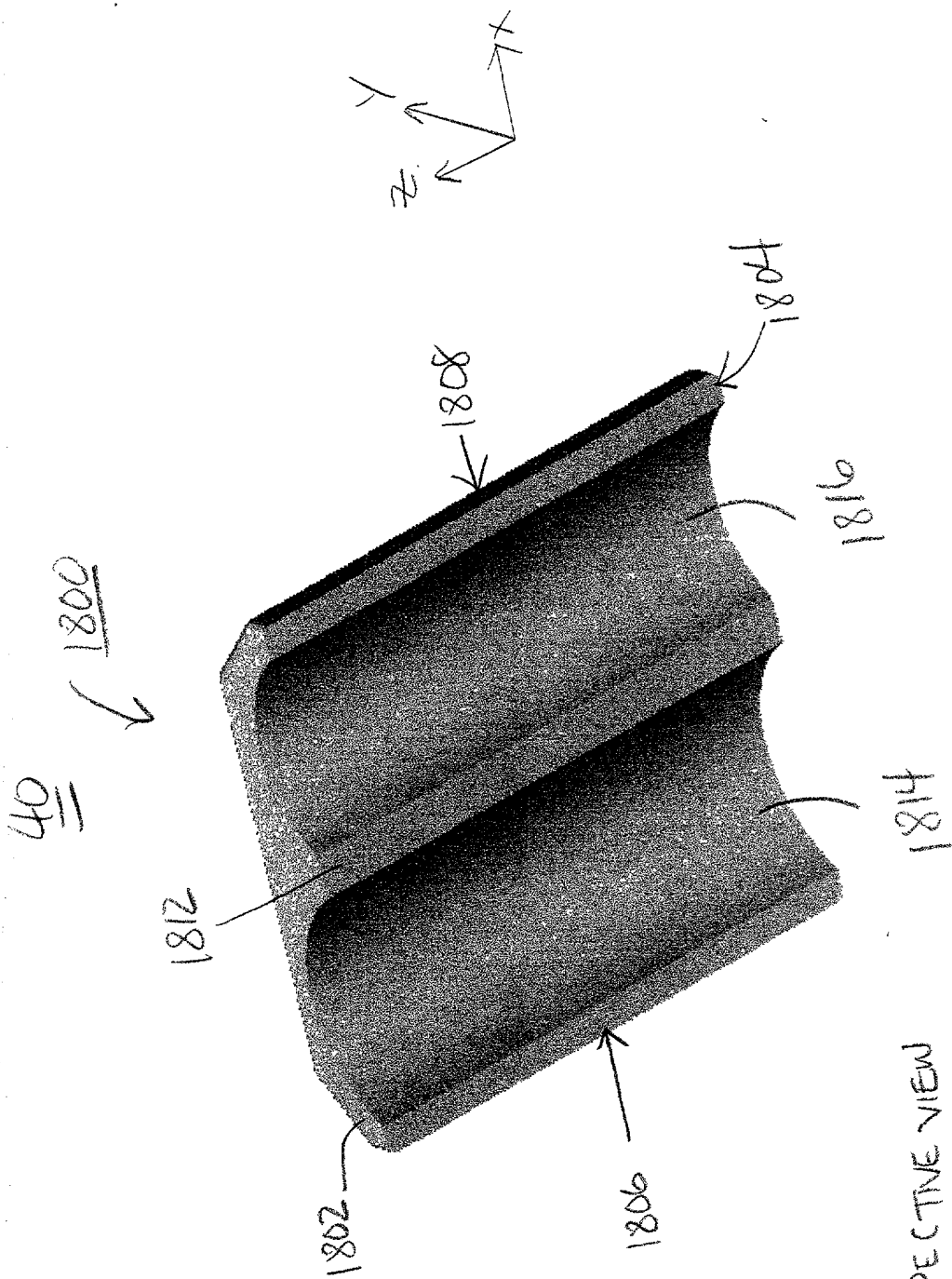
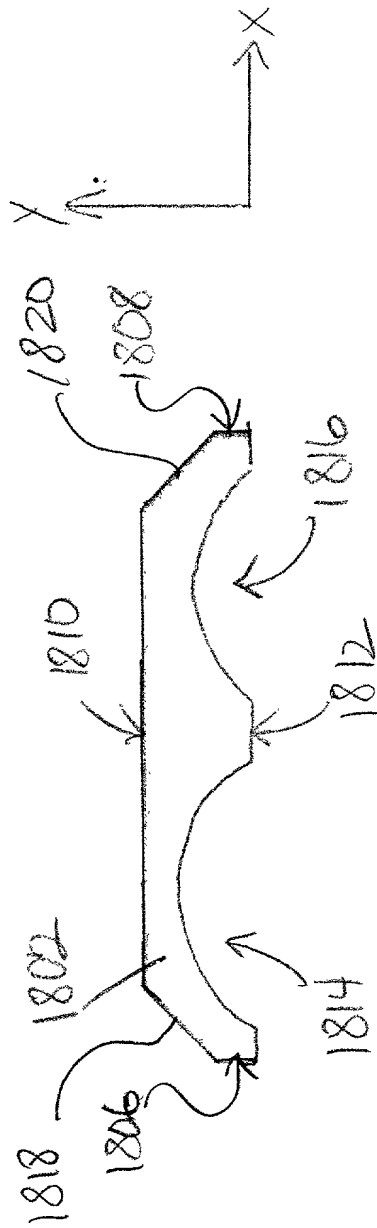


FIG. 18B  
BOTTOM PERSPECTIVE VIEW



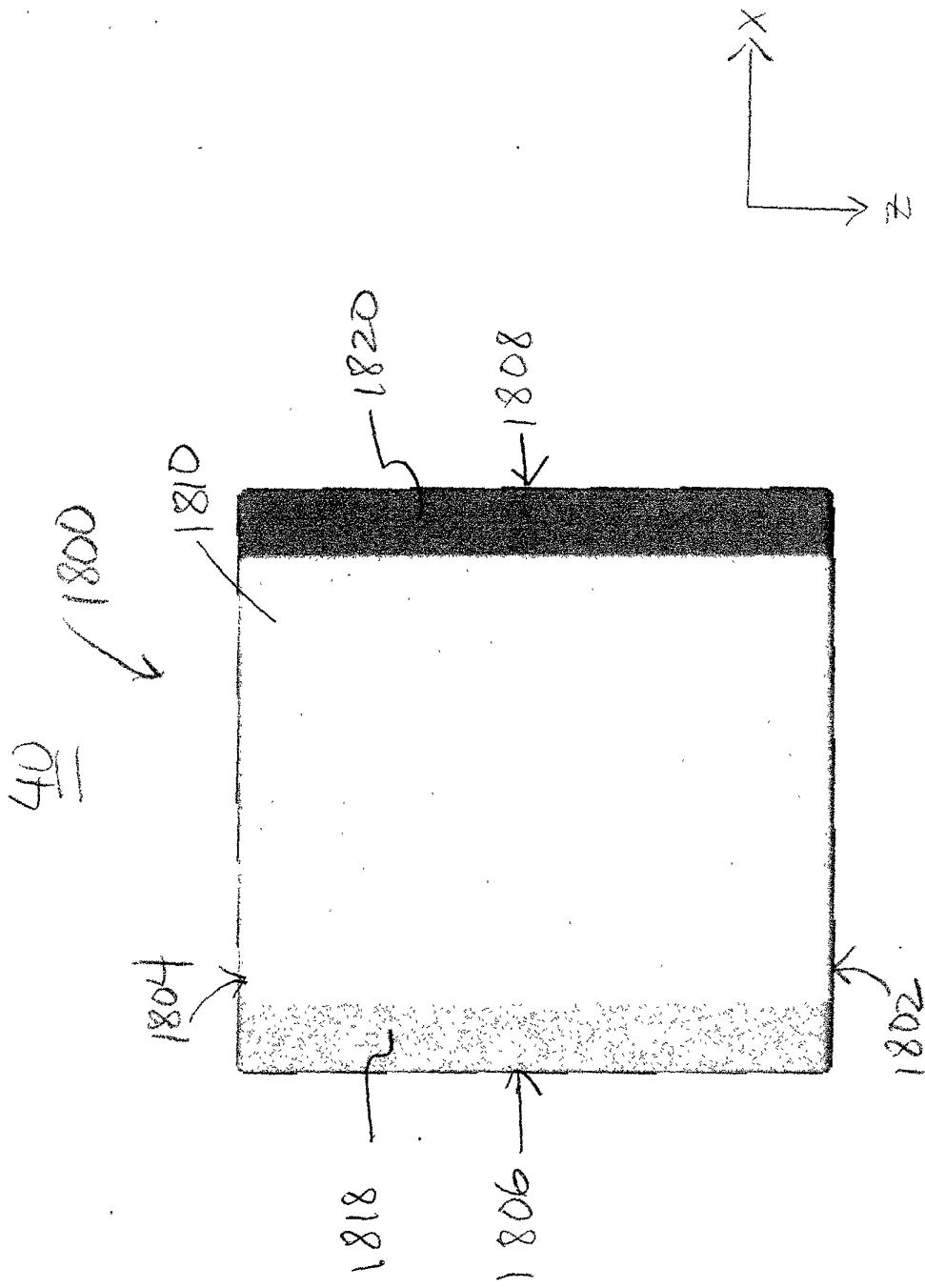
40

1800



END VIEW

FIG. 18C



TOP VIEW  
FIG. 18D

40

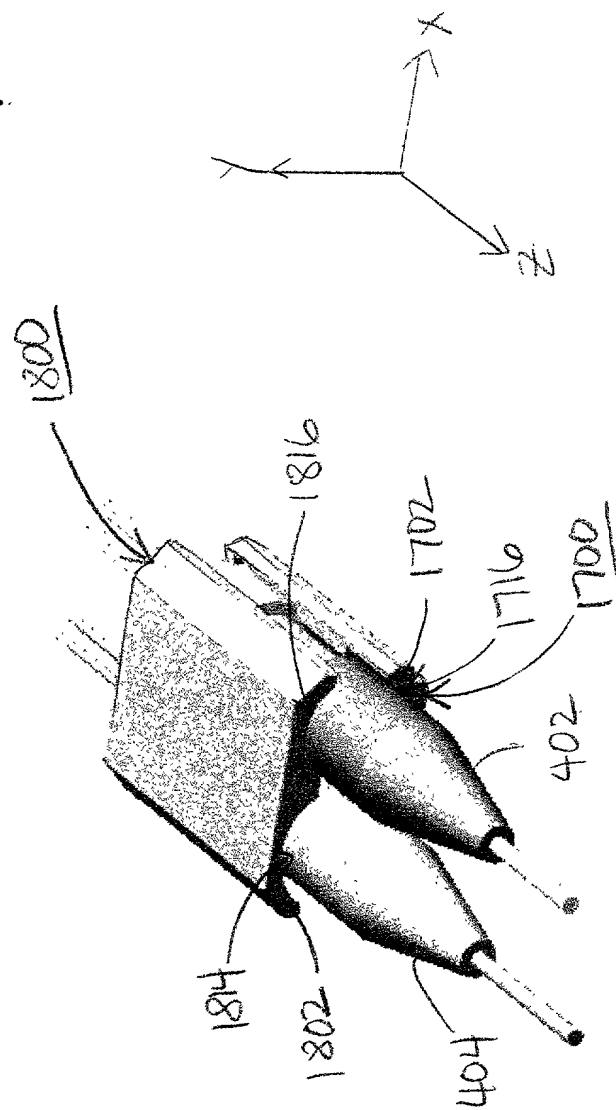
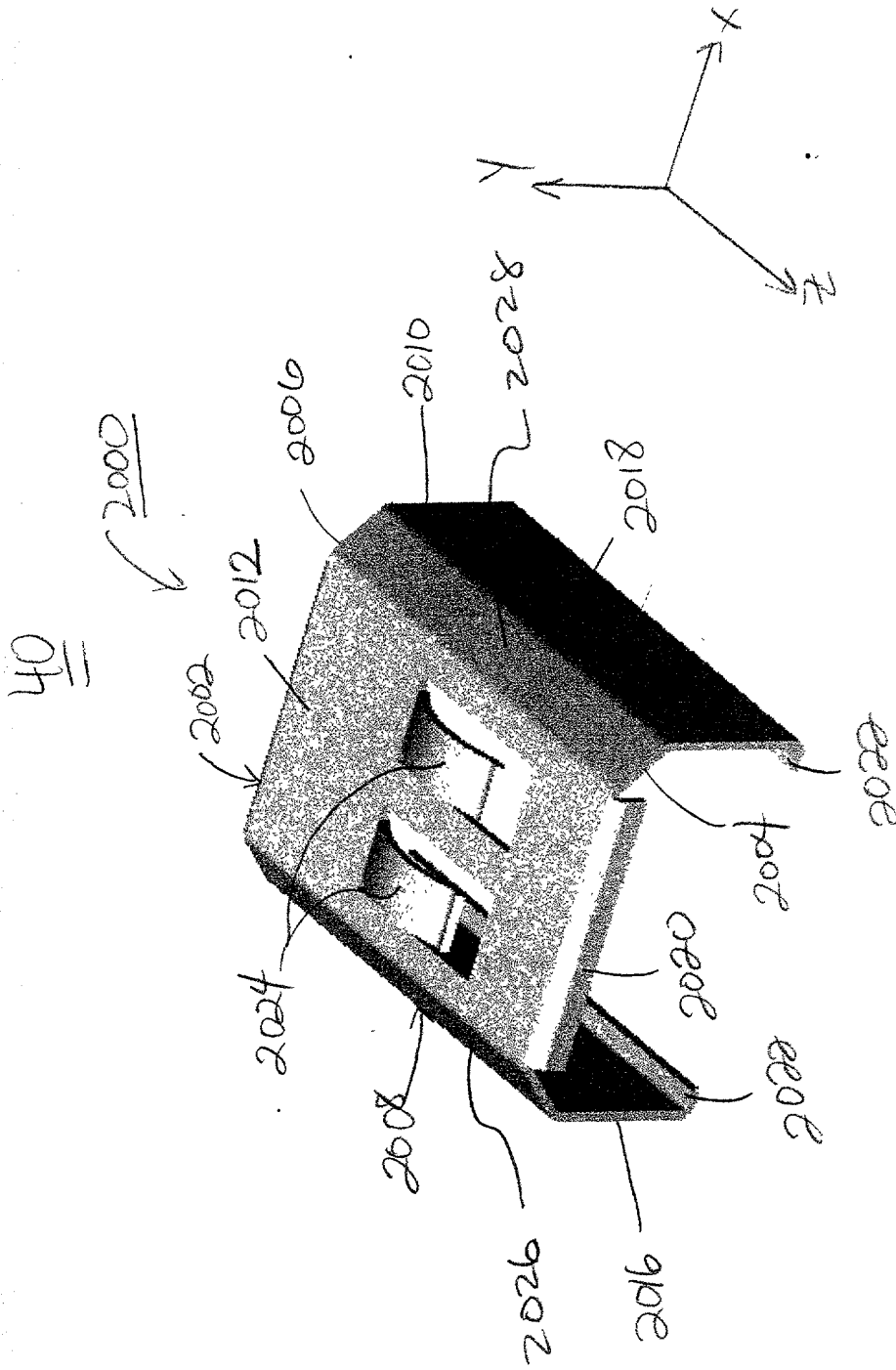


FIG. 19



TOP PERSPECTIVE VIEW

FIG. 20A

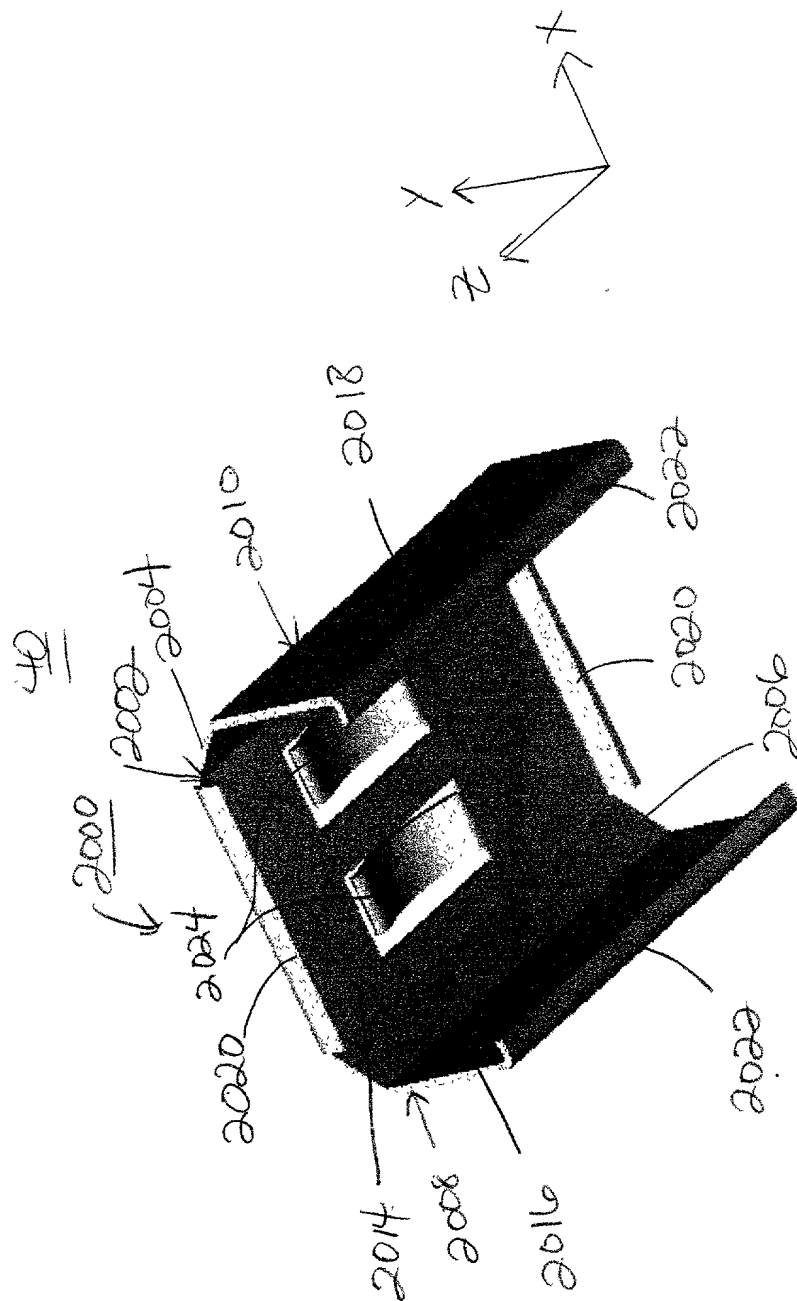
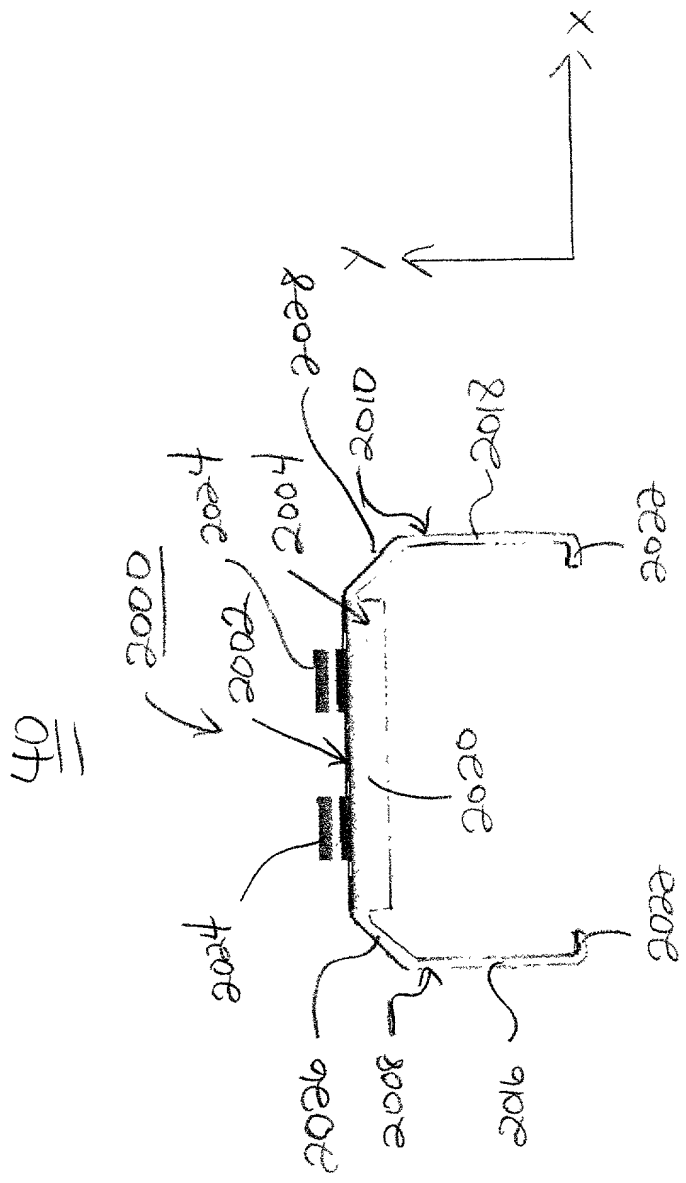
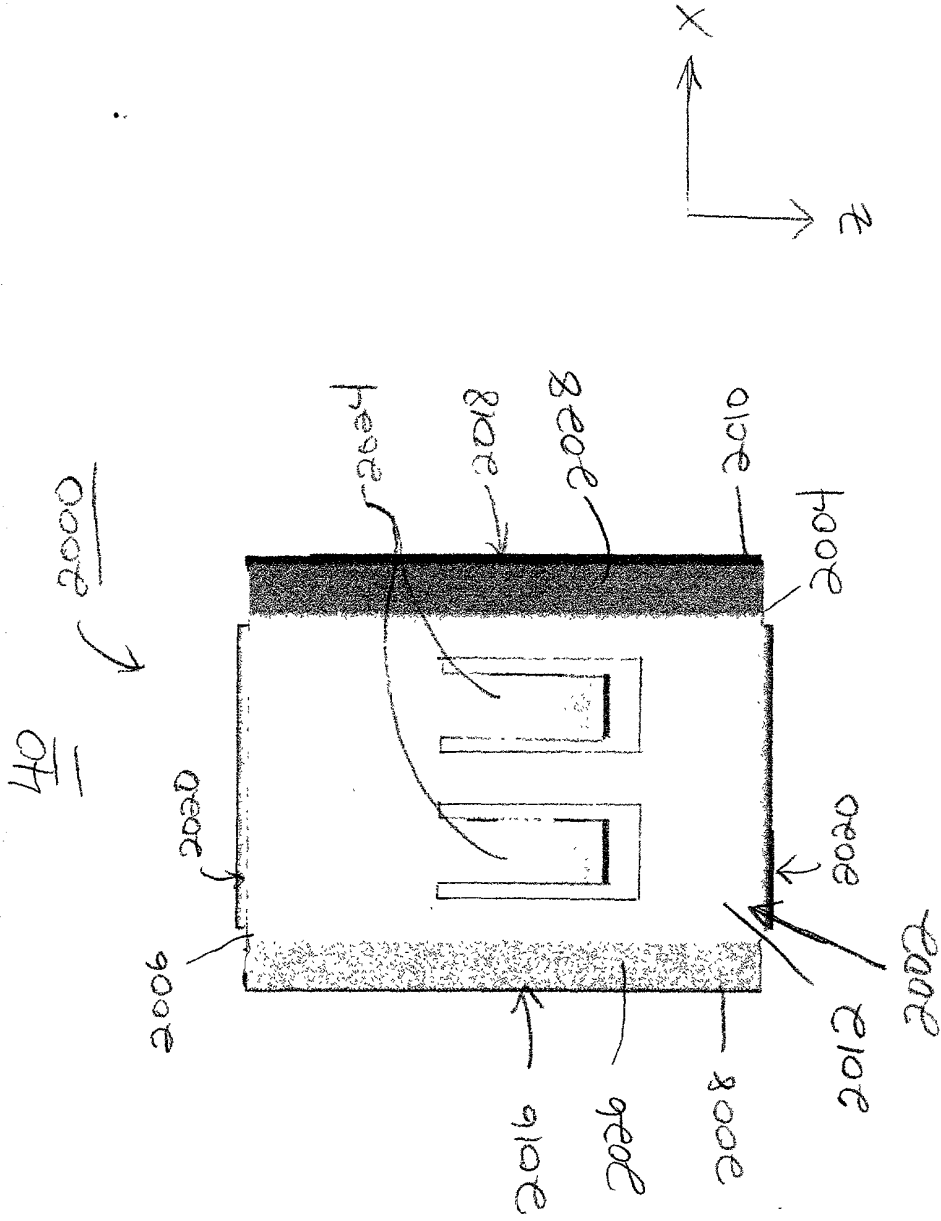


FIG. 20B

FIG. 20B



END VIEW  
FIG. 20C



TOP VIEW  
FIG. 20D

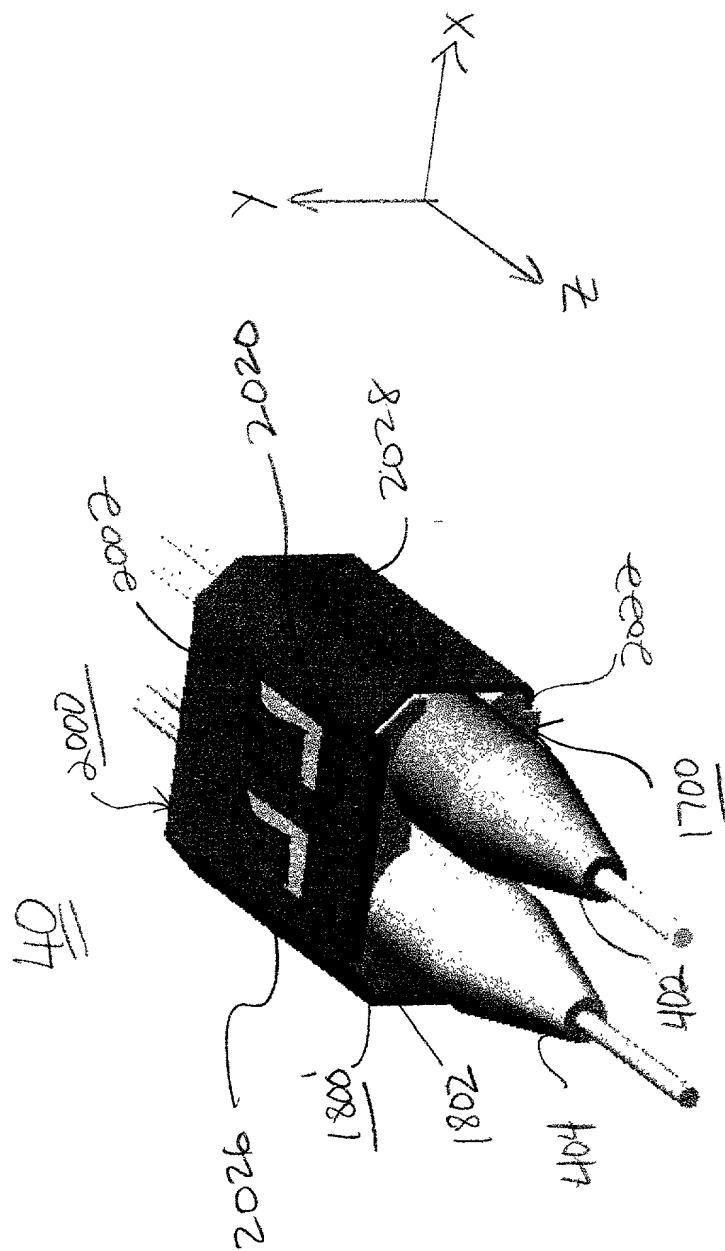


FIG. 21A



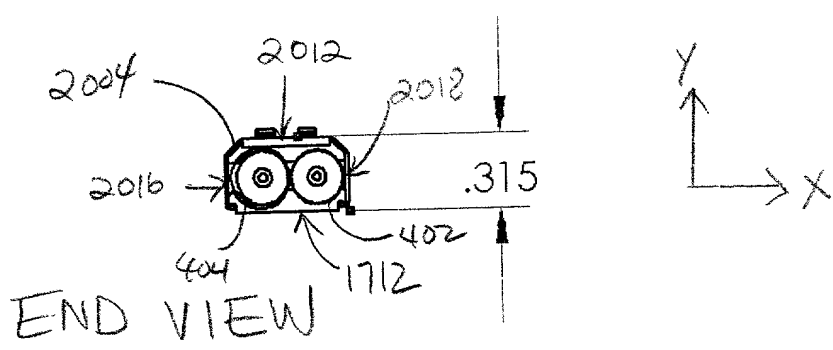
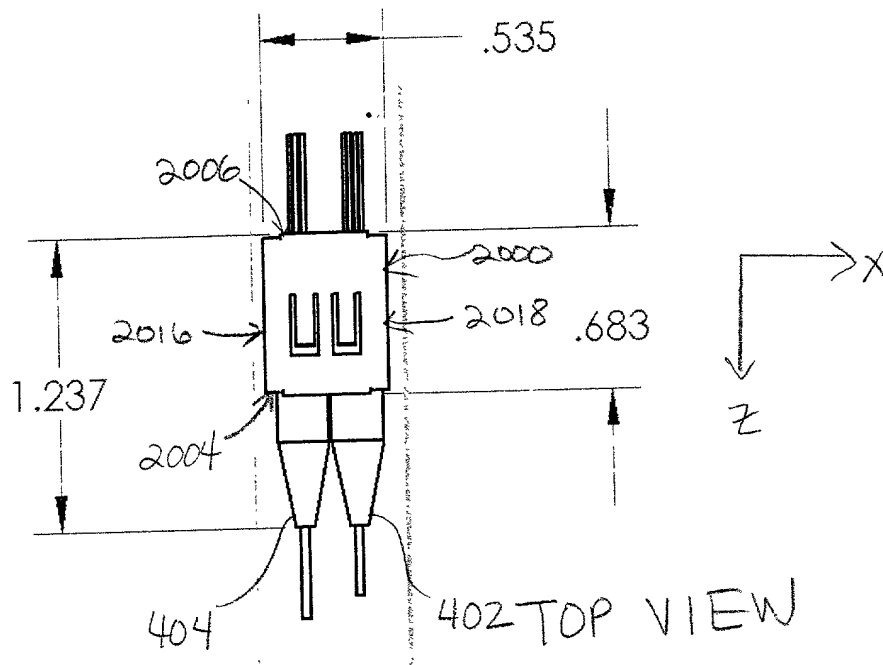
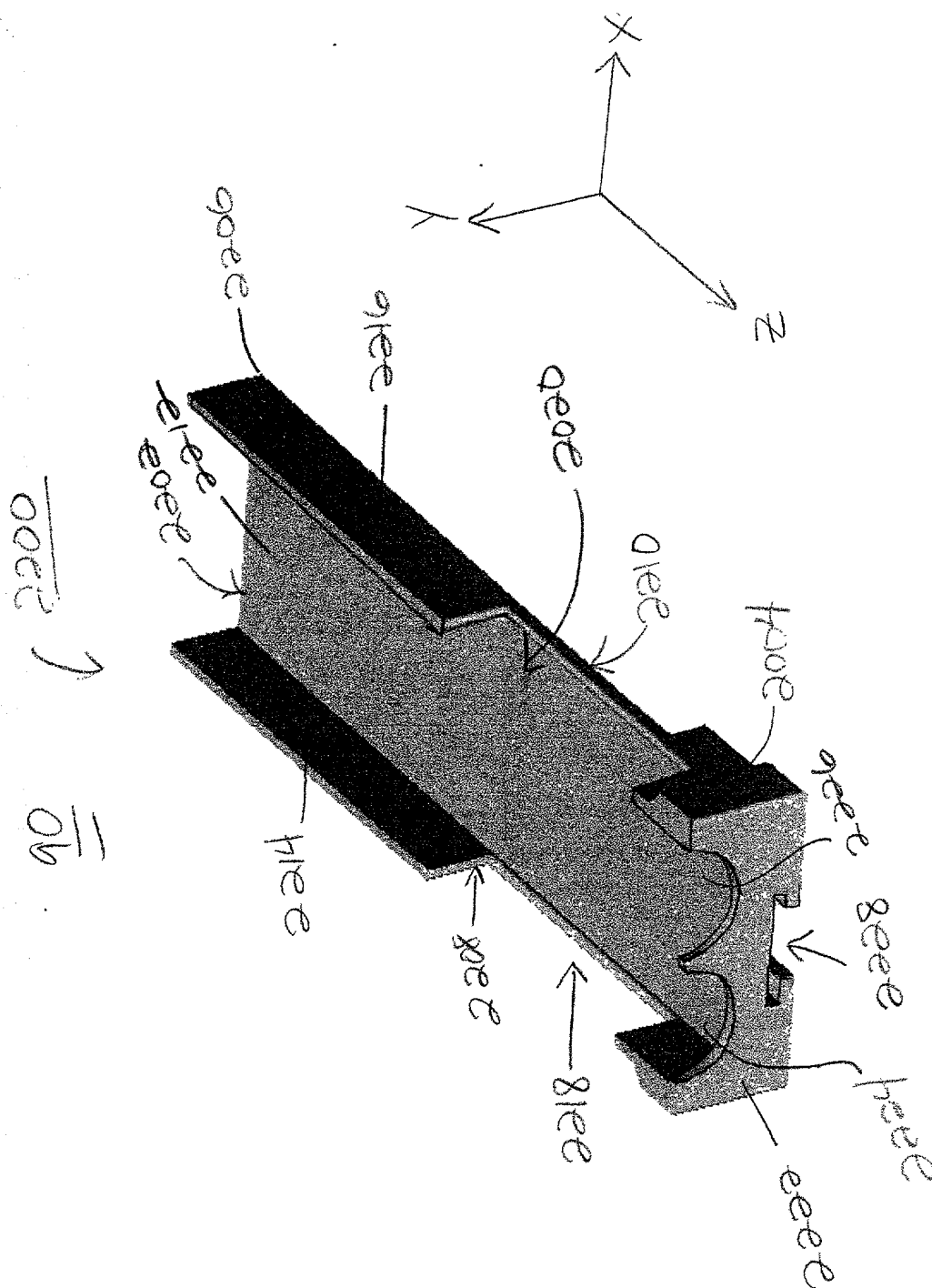
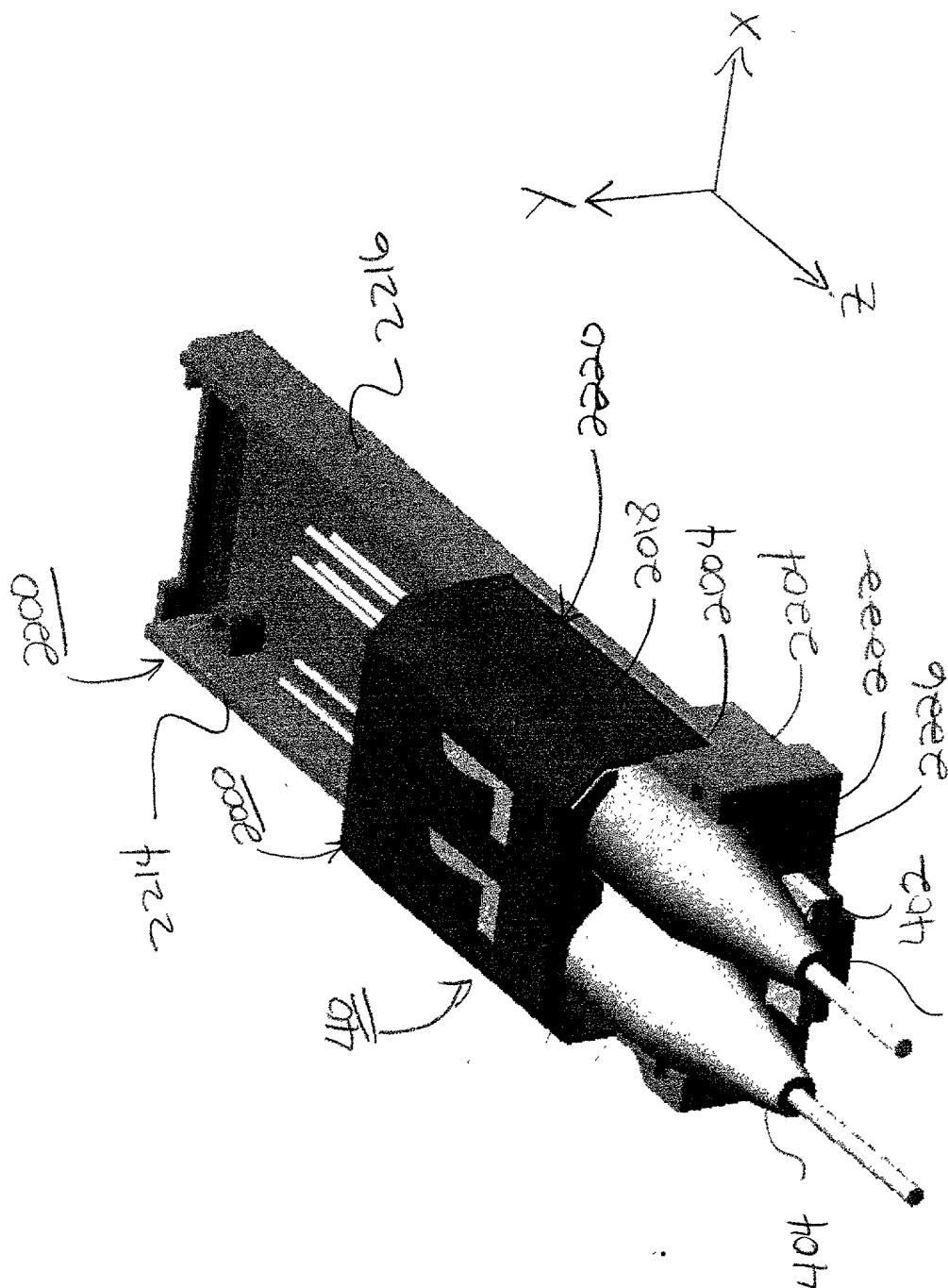


FIG. 21B



Feb 22



152

2230



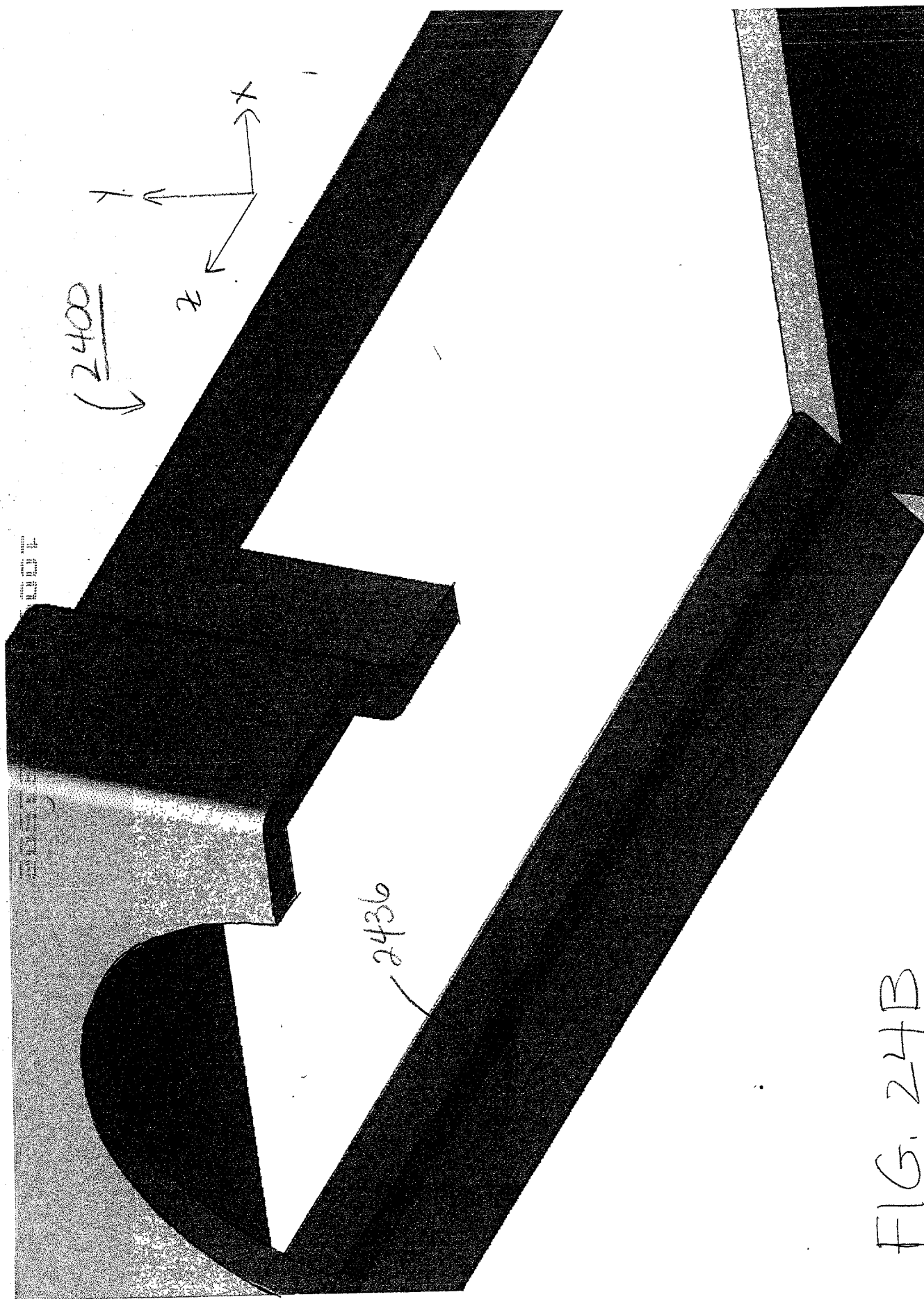
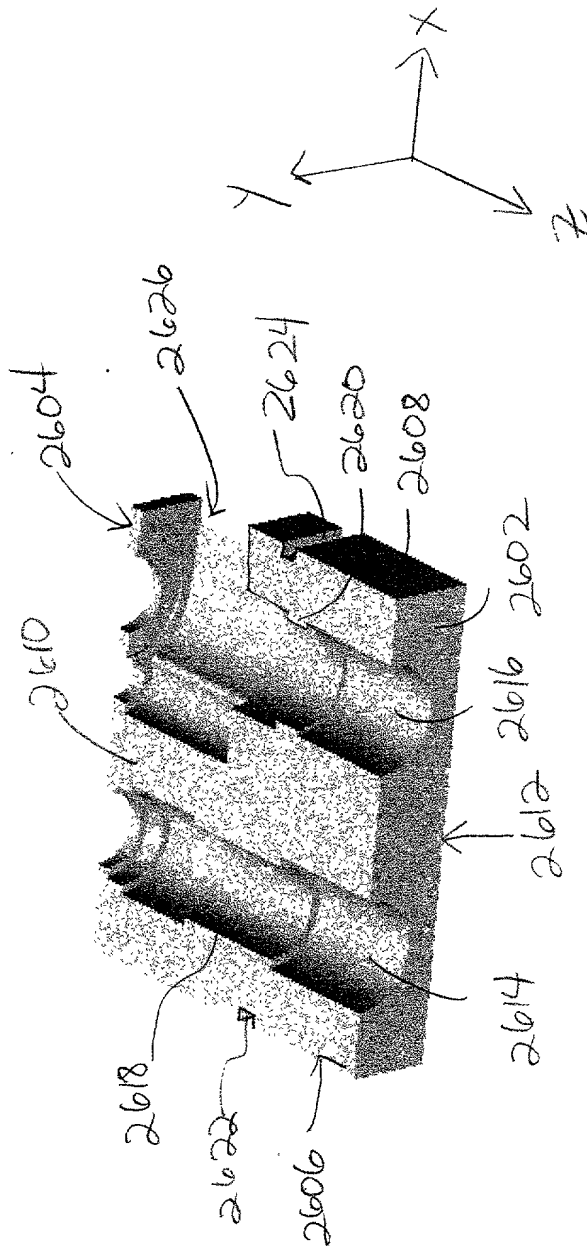


FIG. 24B



50

2600



TOP PERSPECTIVE VIEW  
FIG. 26A

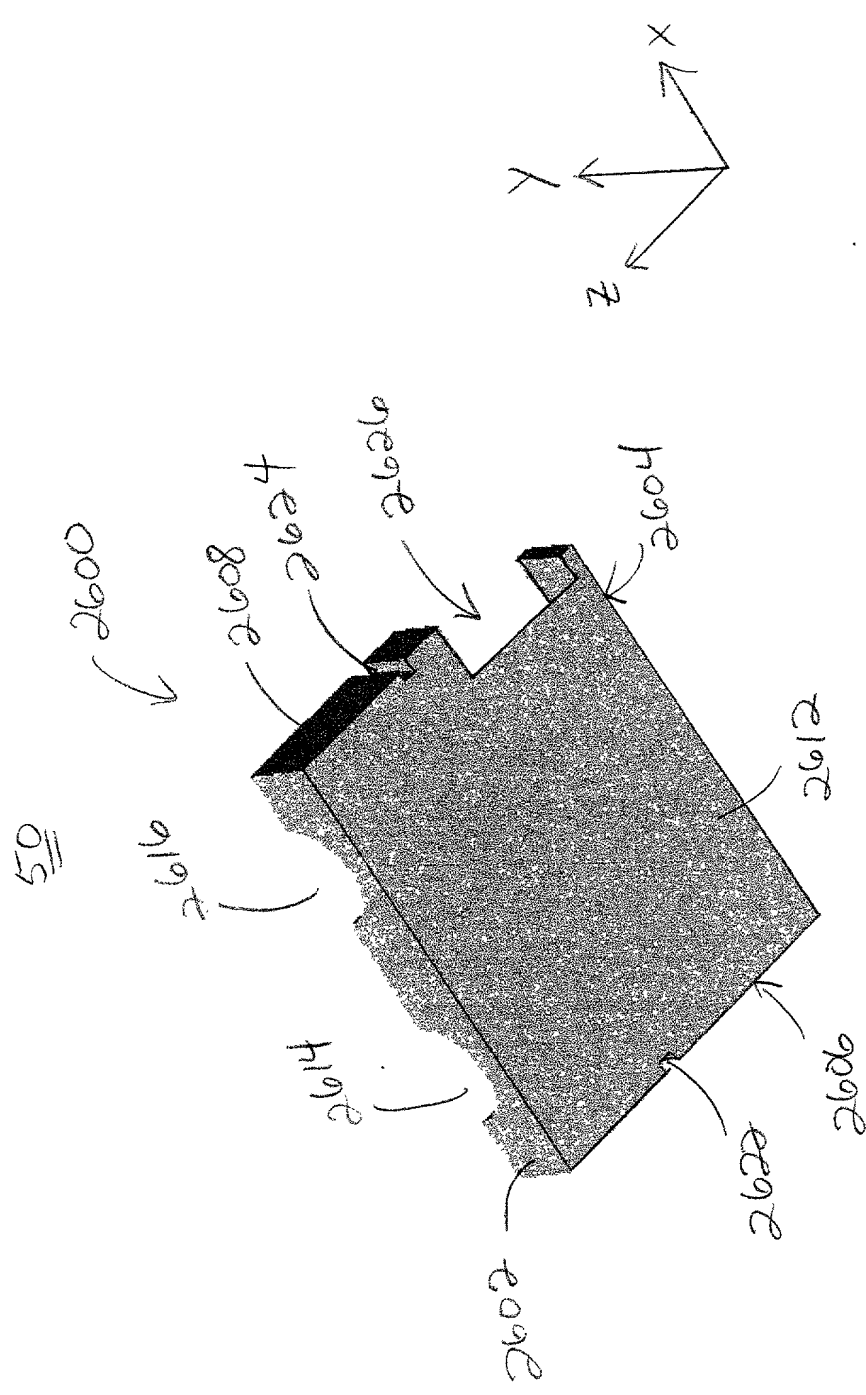
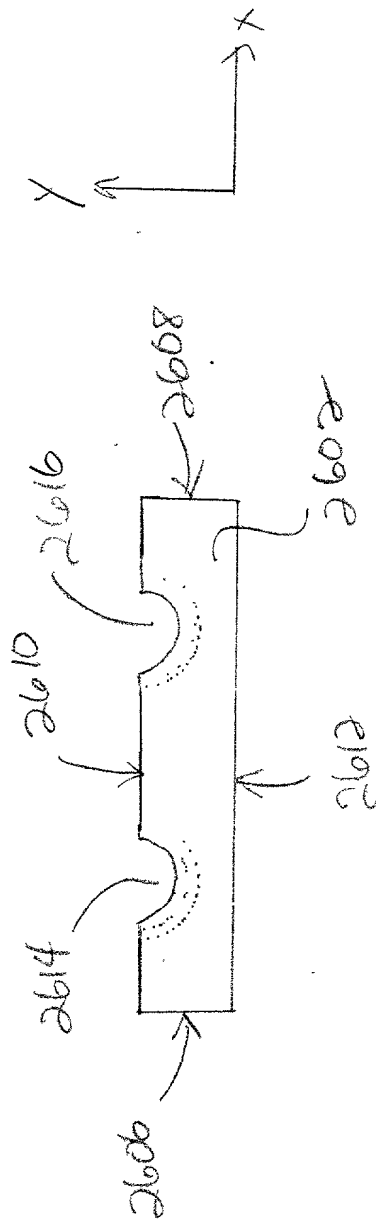


FIG. 26B



FIG. 26C is a perspective view of the end of the device 2600, showing the end of the shaft 2602 and the end of the handle 2604. The shaft 2602 is shown with a series of longitudinal slots 2606 and a series of transverse slots 2608. The handle 2604 is shown with a series of longitudinal slots 2610 and a series of transverse slots 2612. The device 2600 is shown in a perspective view, with the shaft 2602 extending from the handle 2604.

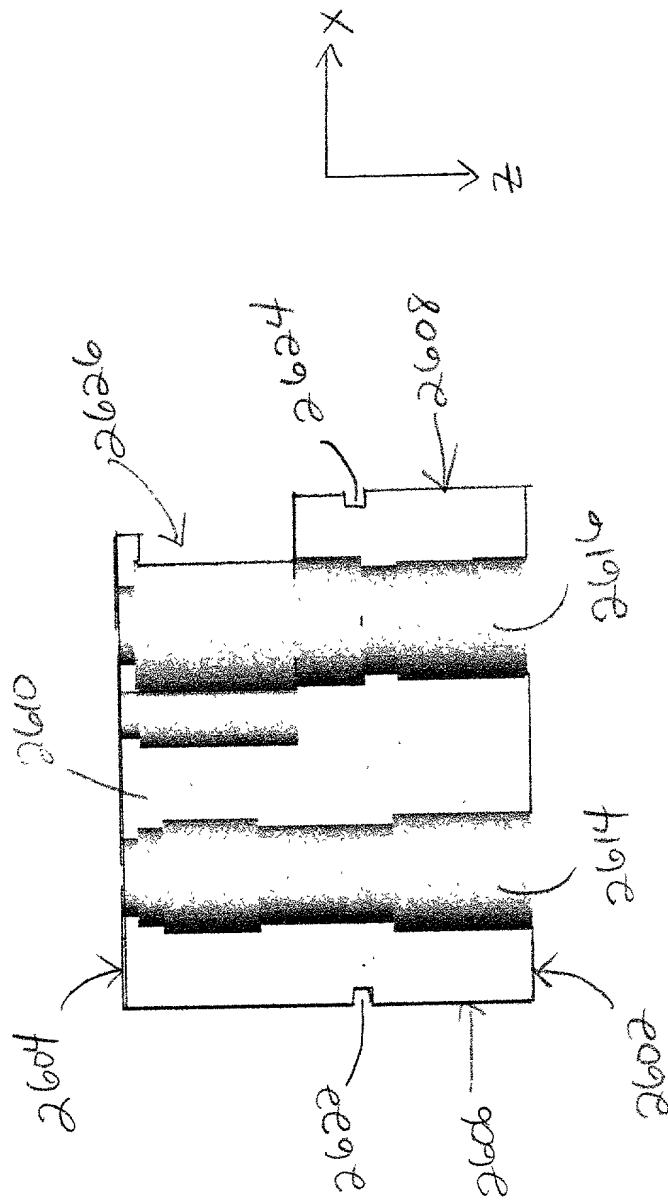
50 2600 ↗



END VIEW

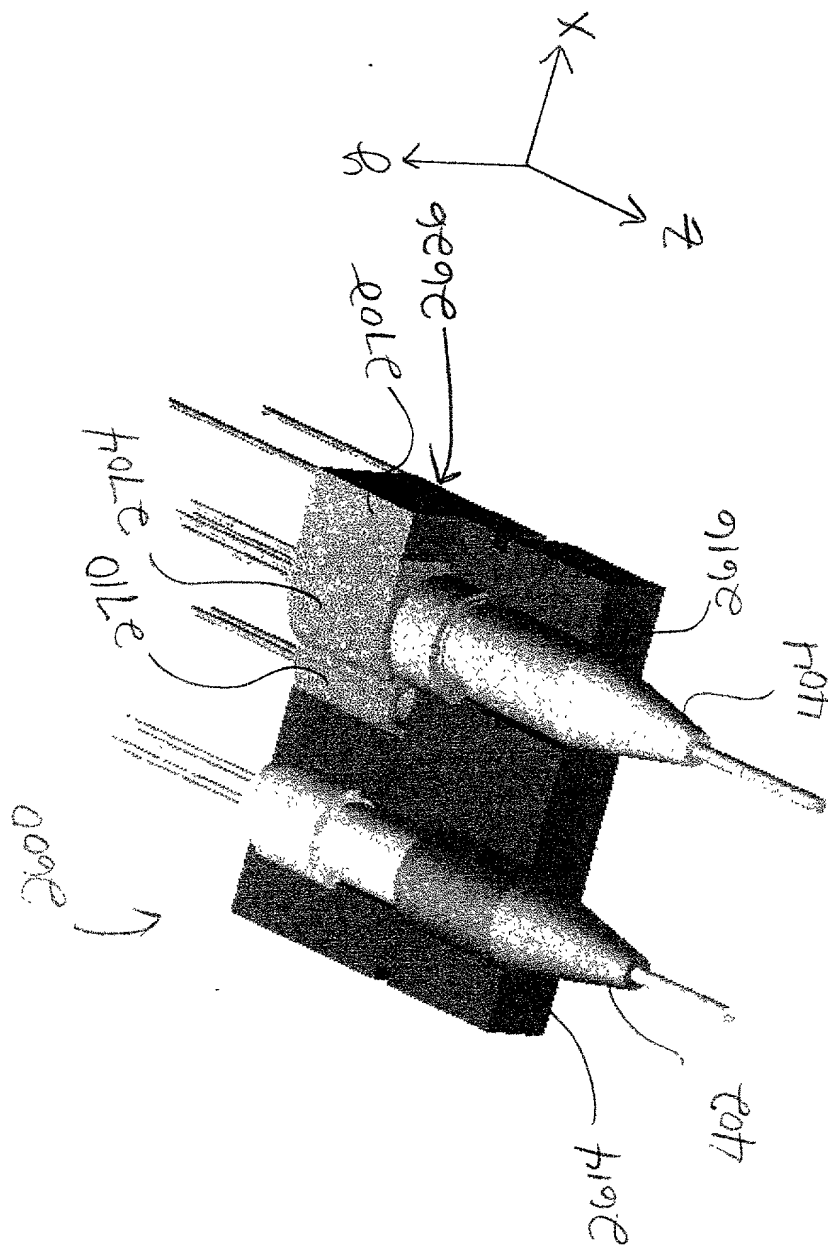
FIG. 26C

50 2600 ↘



TOP VIEW  
FIG. 26D

501



F16.27

FIG. 28 is a perspective view of a device 2700 in a closed position. The device 2700 includes a housing 2702 and a lid 2704. The housing 2702 has a top surface 2706 and a bottom surface 2708. The lid 2704 is hinged to the housing 2702 and can be moved between an open position and a closed position. In the closed position, the lid 2704 covers the top surface 2706 of the housing 2702. The device 2700 is shown in a perspective view with the lid 2704 in the closed position.

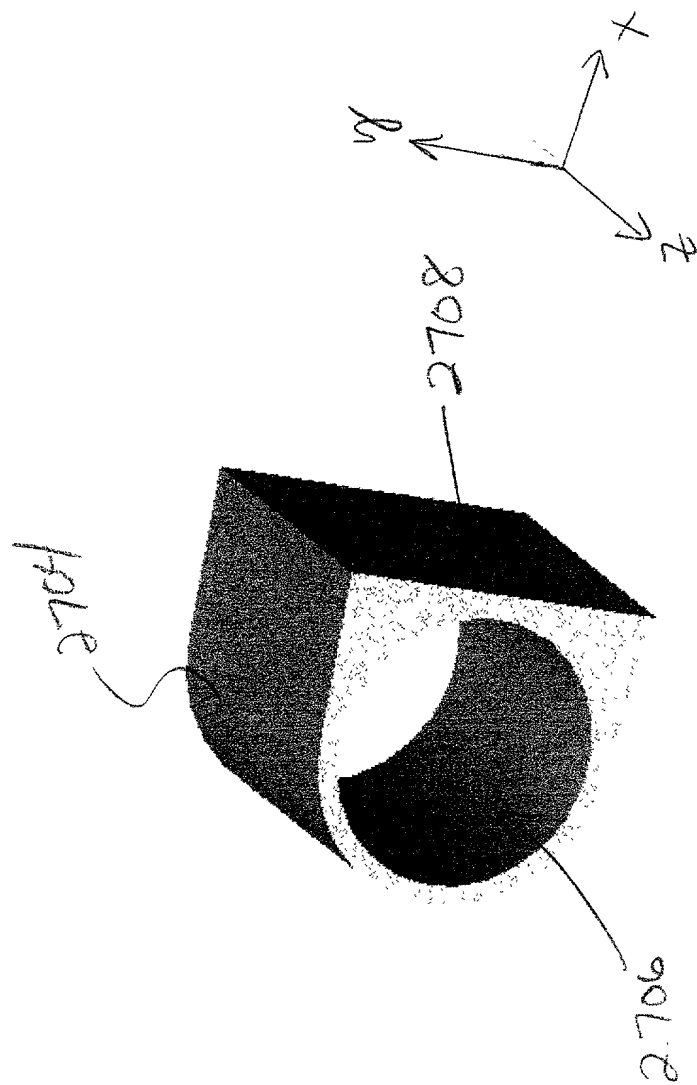
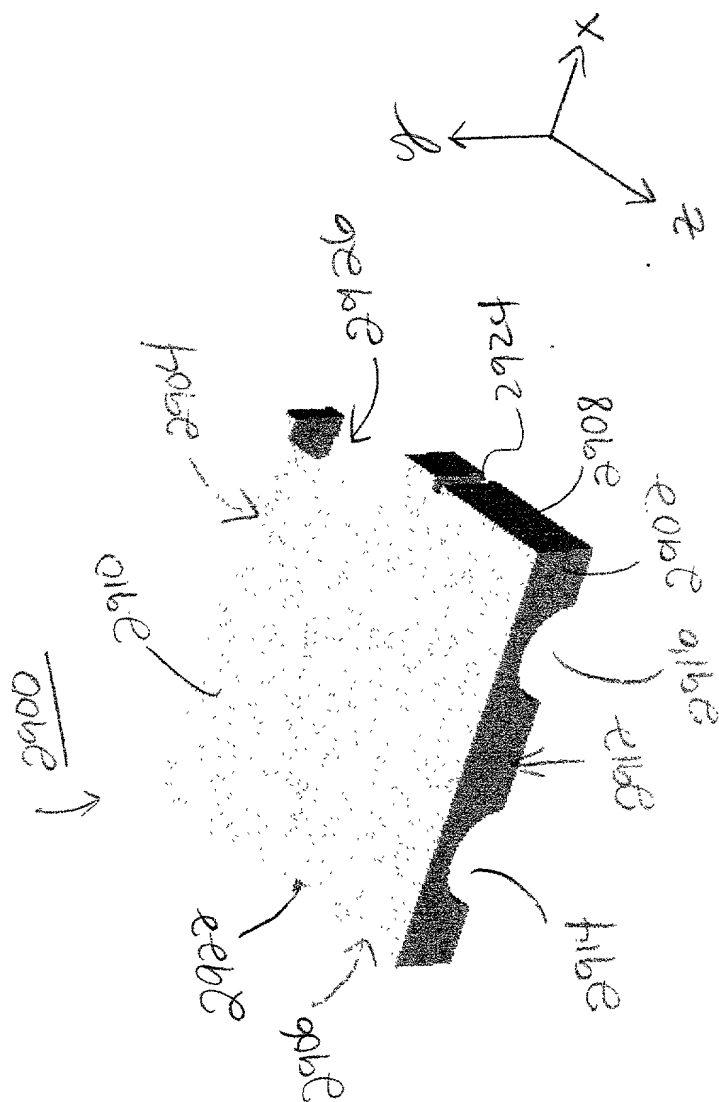


FIG. 28

50



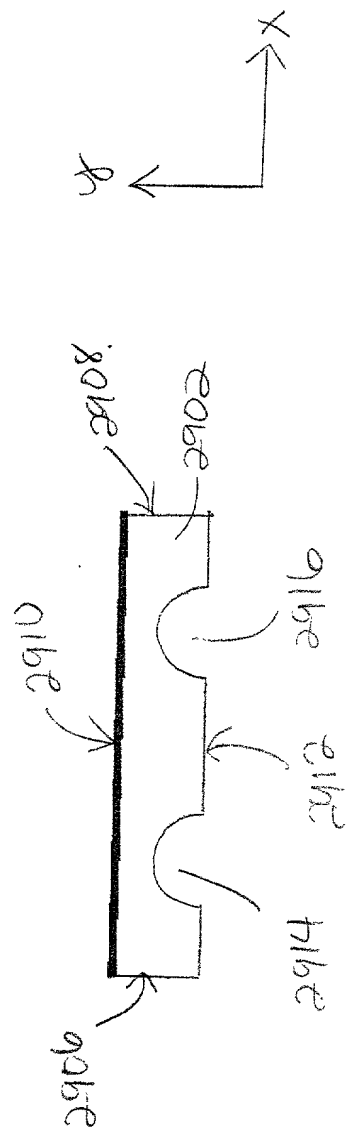
TOP PERSPECTIVE VIEW  
FIG. 29A



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OFFICE OF THE STATE ENGINEER  
ALBANY, N.Y.

50

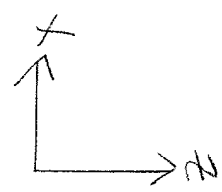
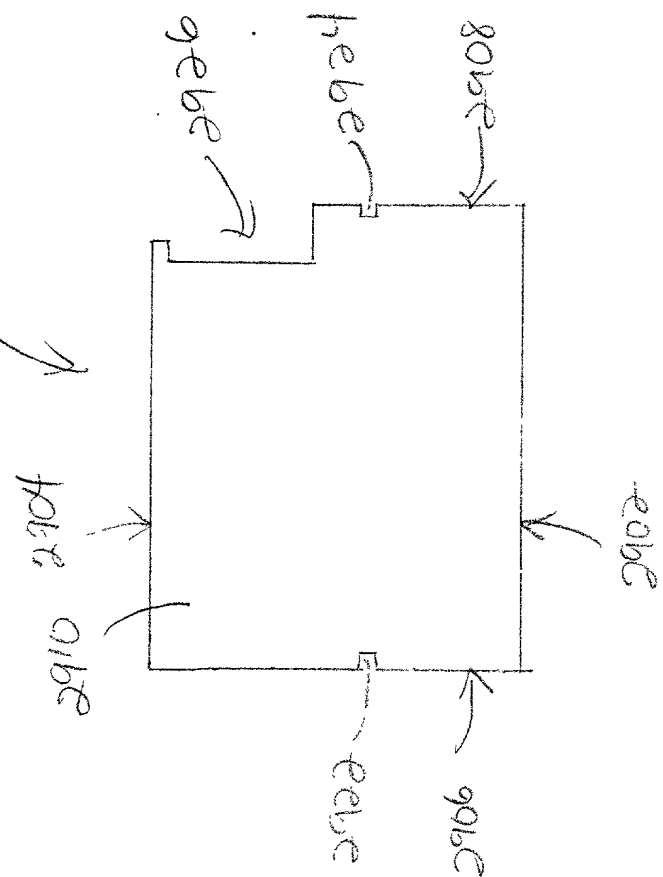
2900 ↗



END VIEW  
F-16, 2-9C

The following information is for the use of the student only. It is not to be used as a reference for the design of the structure. The design of the structure is the responsibility of the student. The student is to use the information provided to complete the design of the structure. The student is to use the information provided to complete the design of the structure.

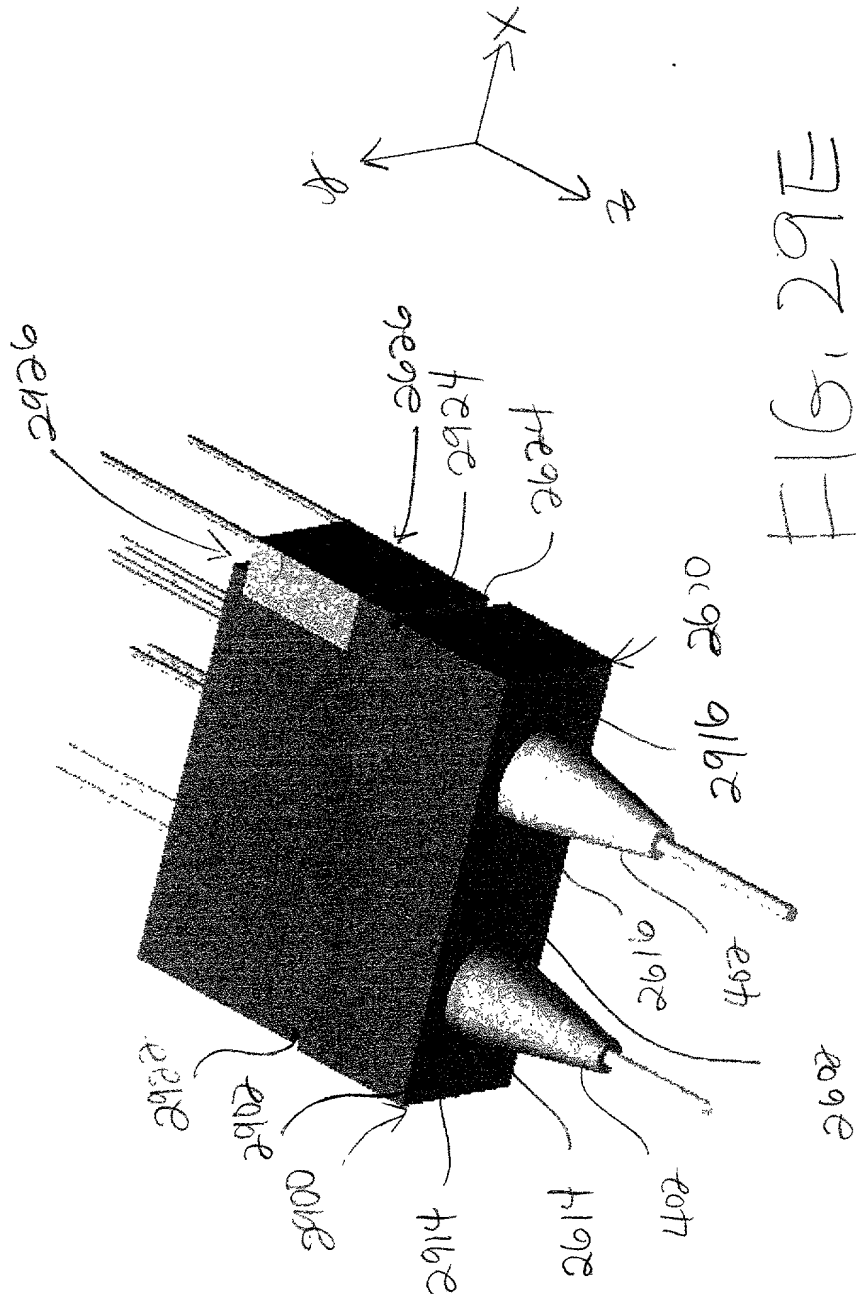
50  
 2960



Top View  
 F16.29D



91



11/6.29E

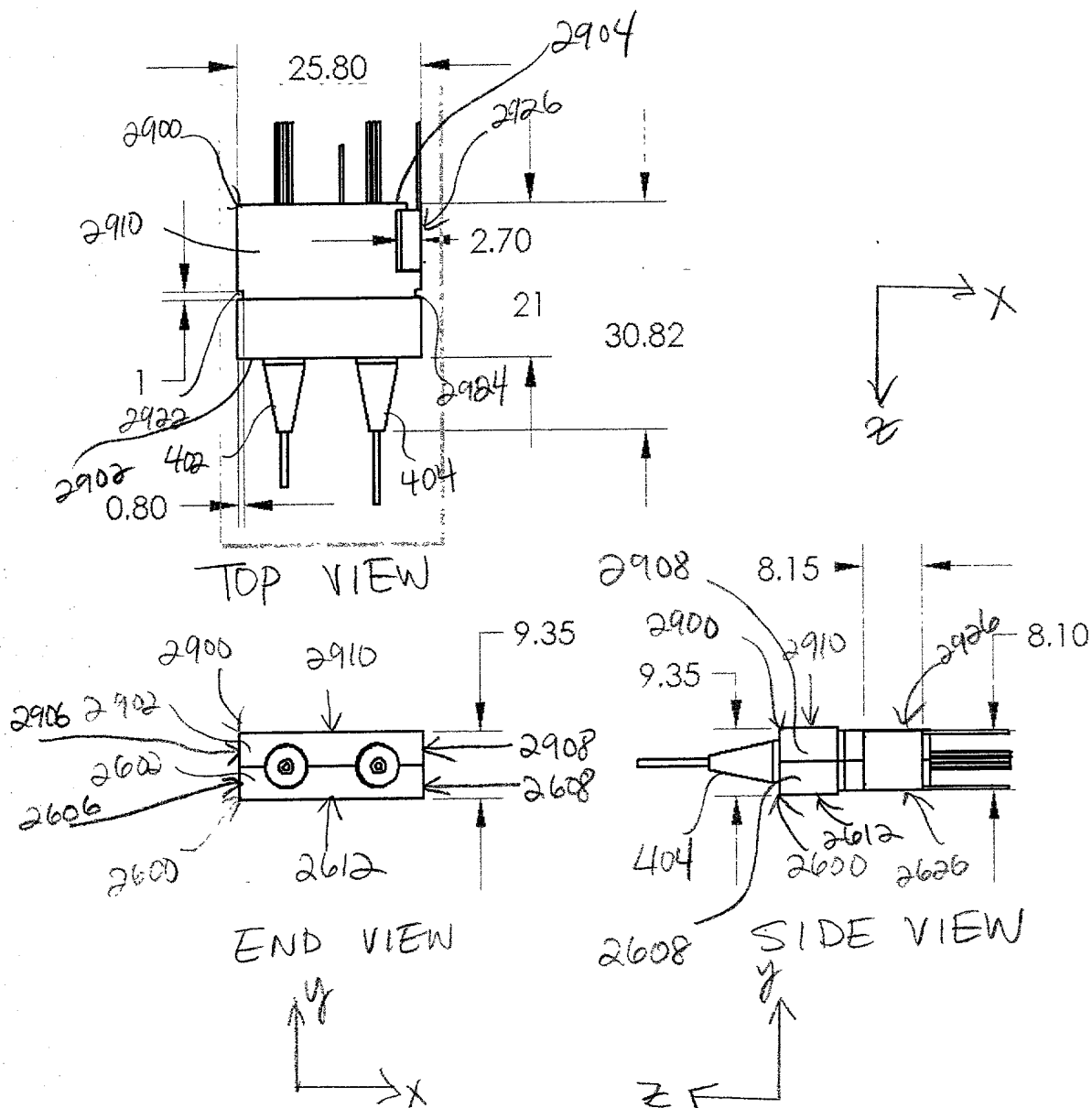


FIG. 29F.

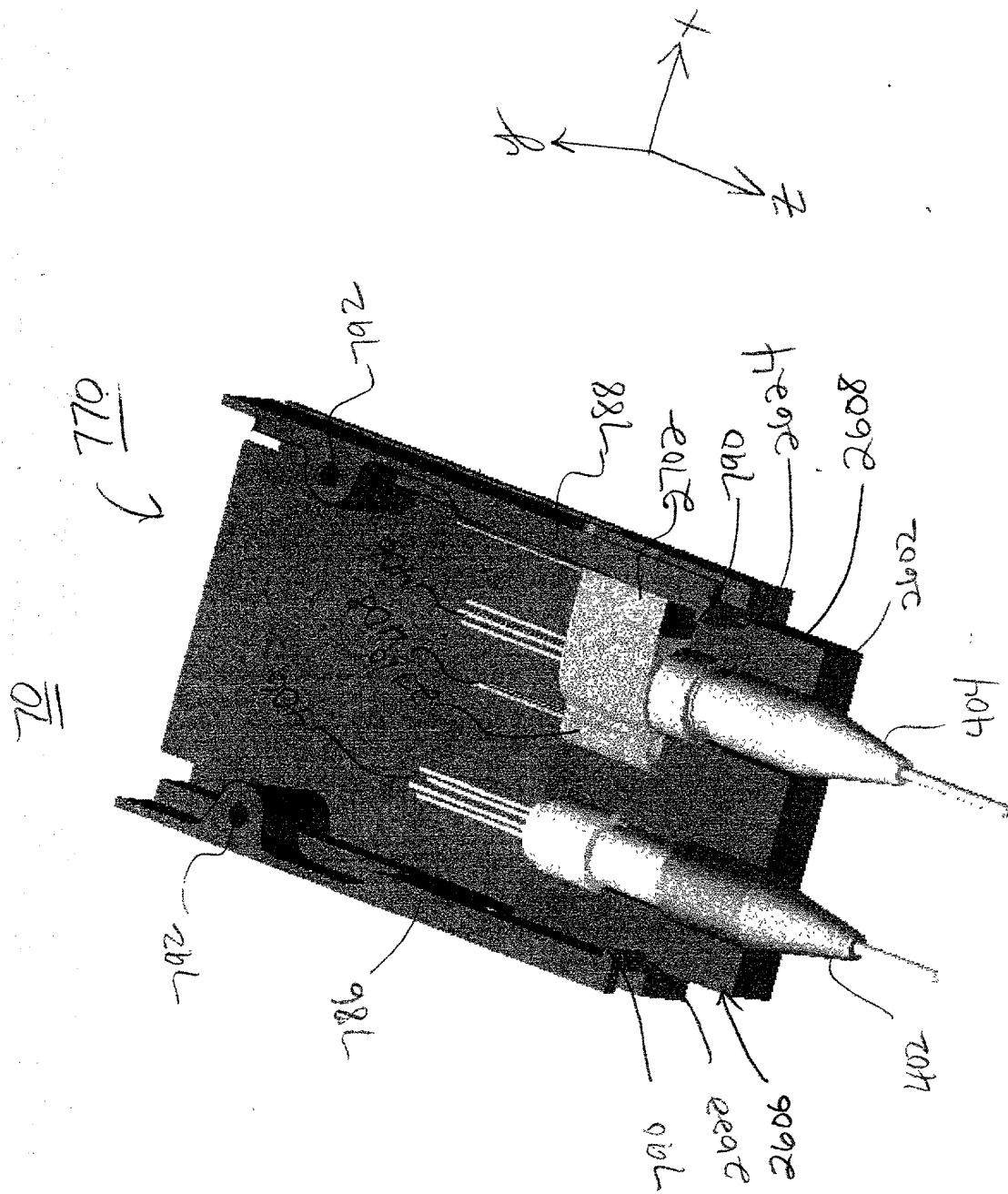
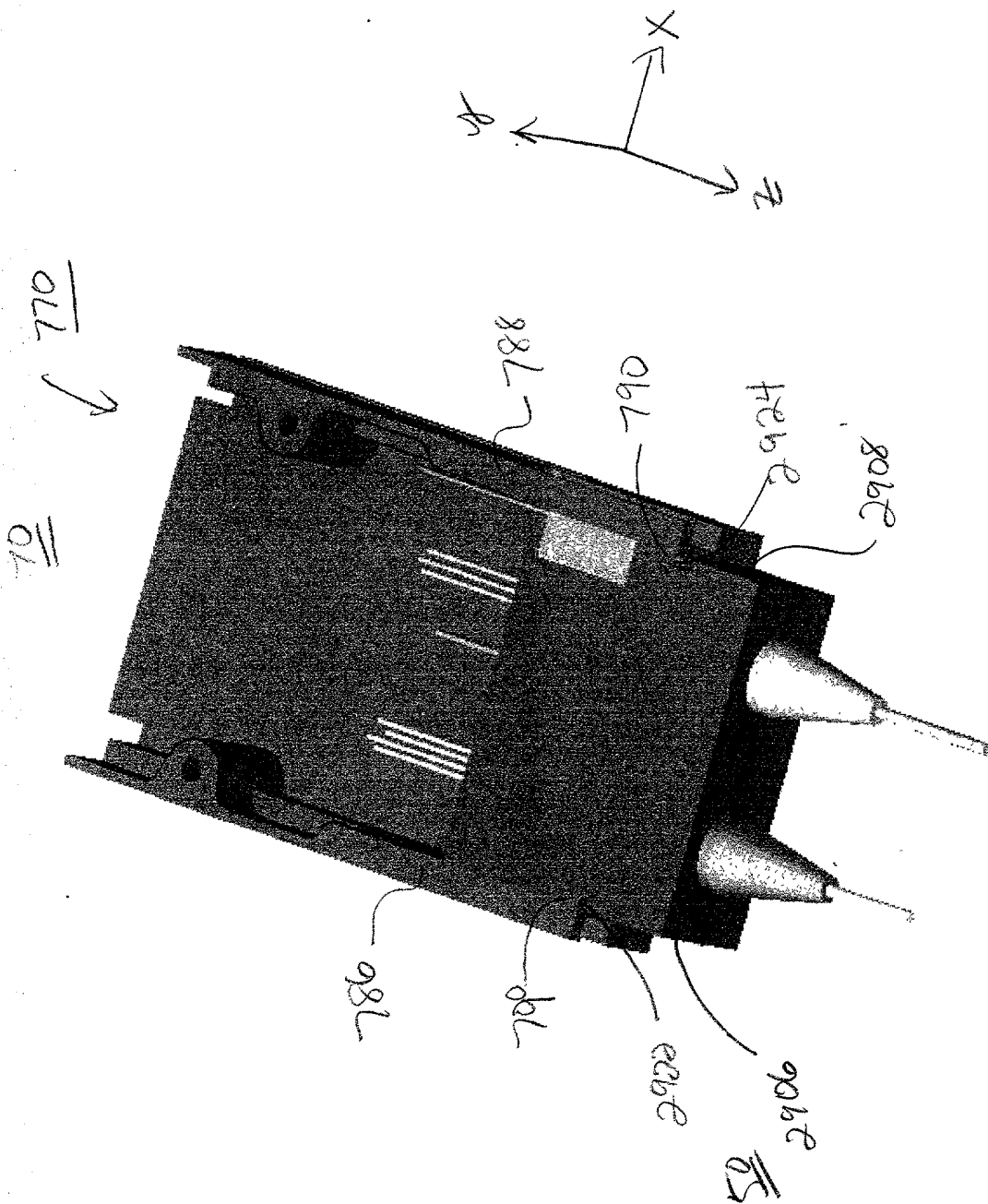


FIG. 30



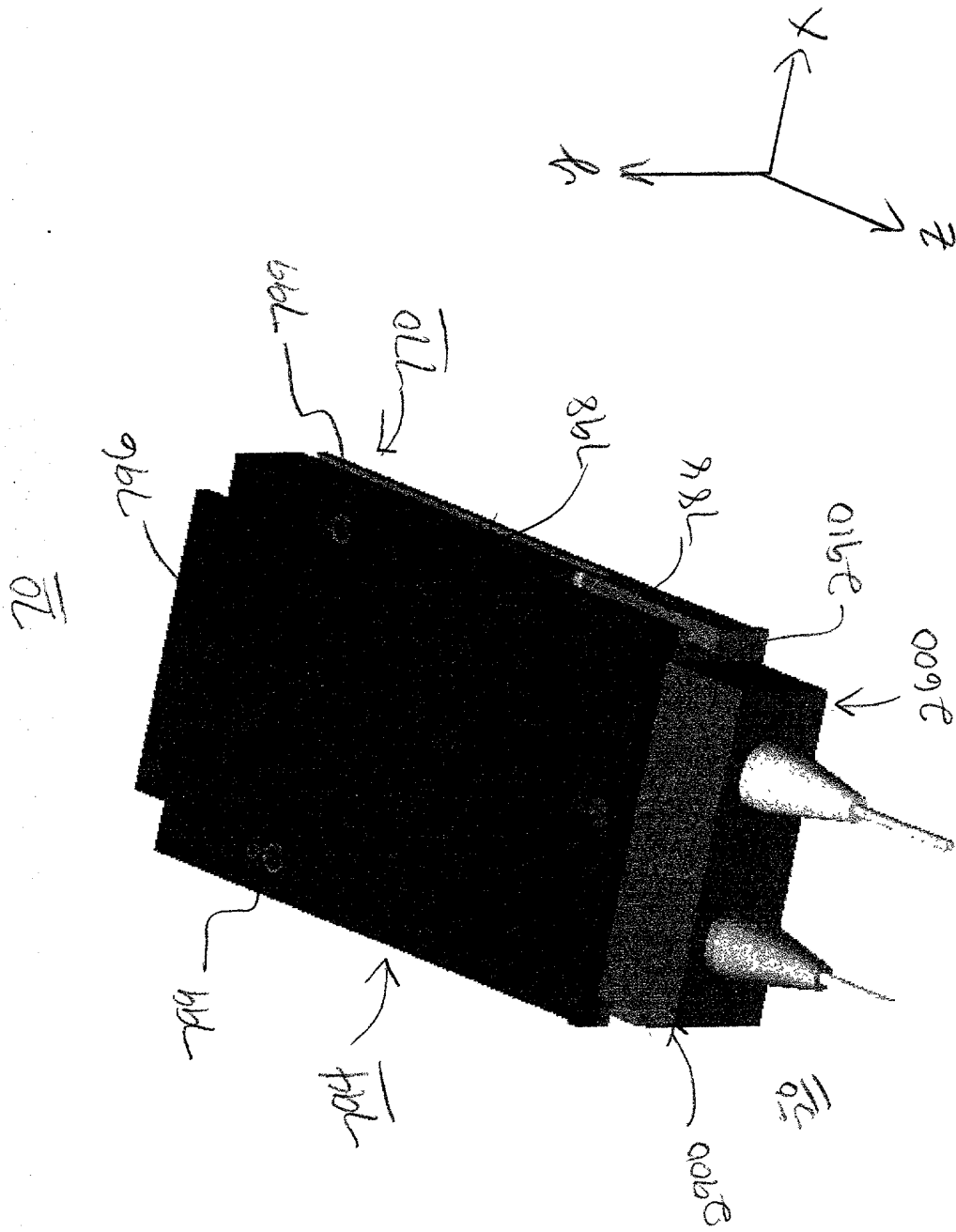
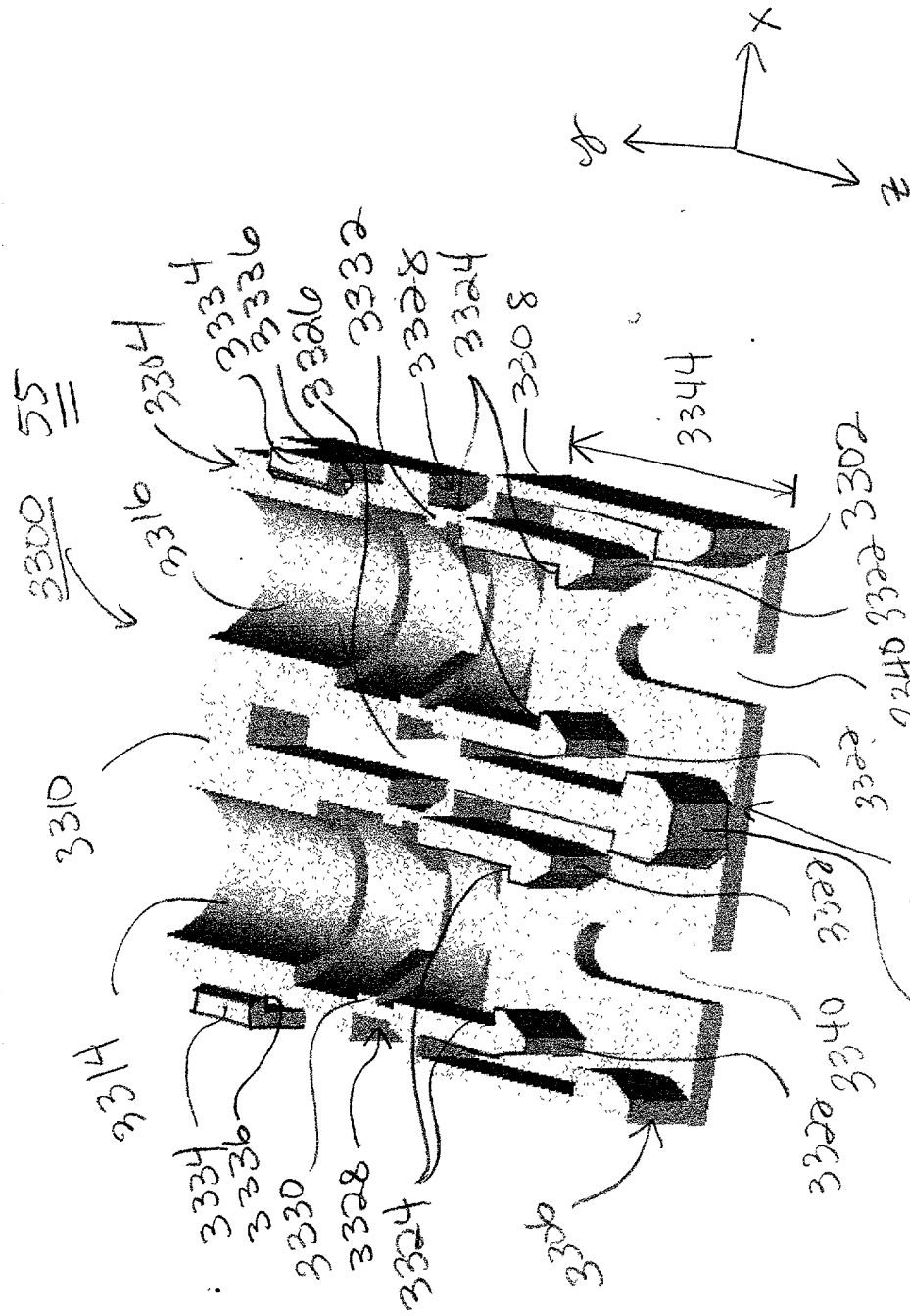
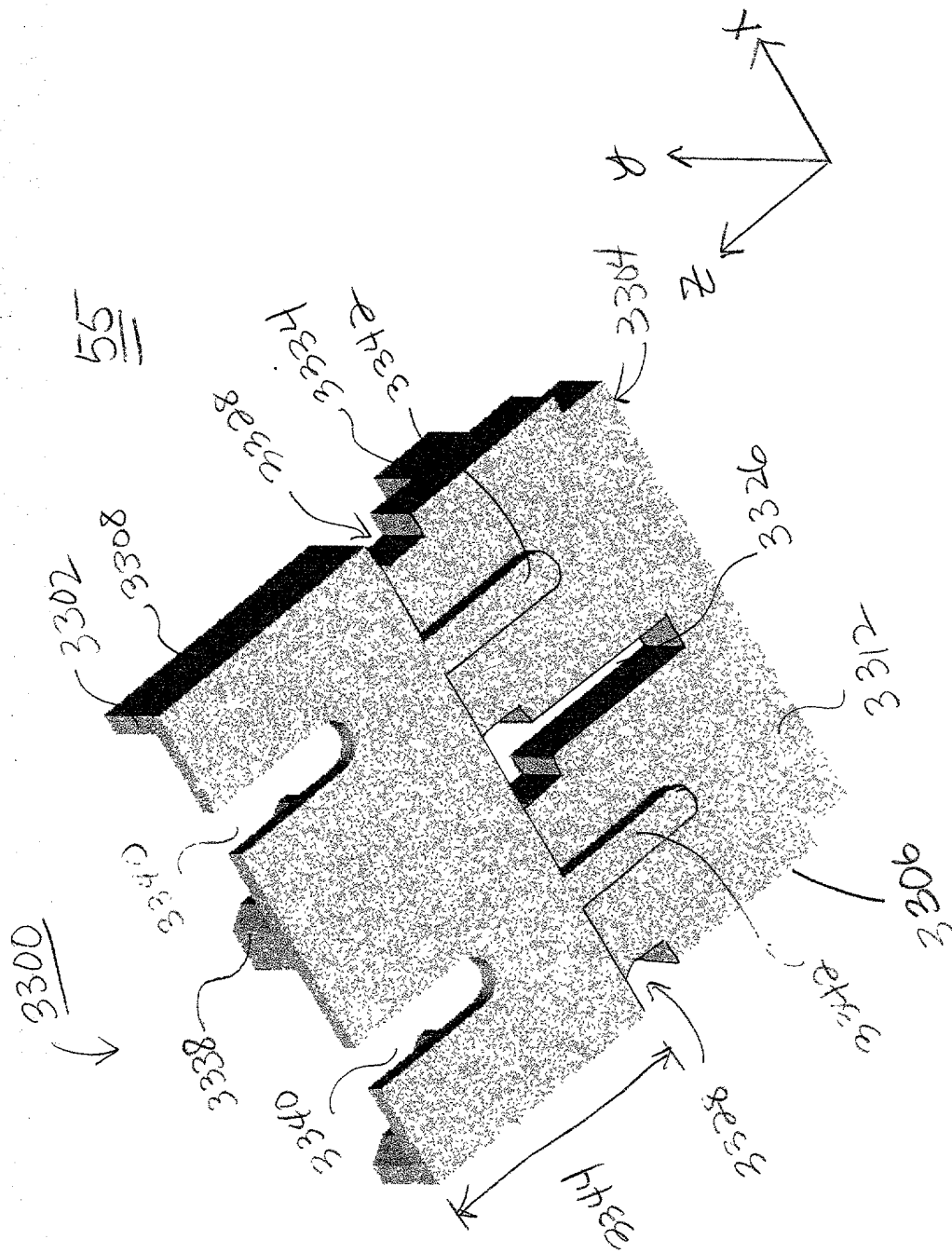


FIG. 32

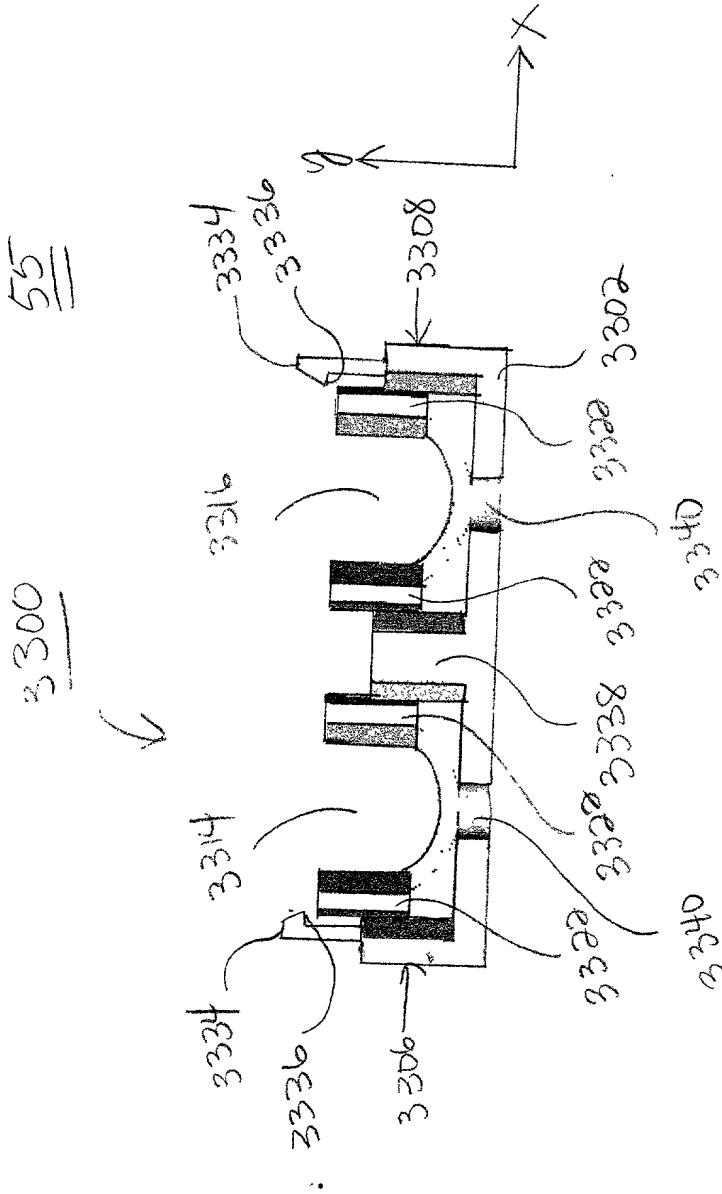


TOP PERSPECTIVE VIEW

FIG. 33A



BOTTOM PERSPECTIVE VIEW  
FIG. 33B

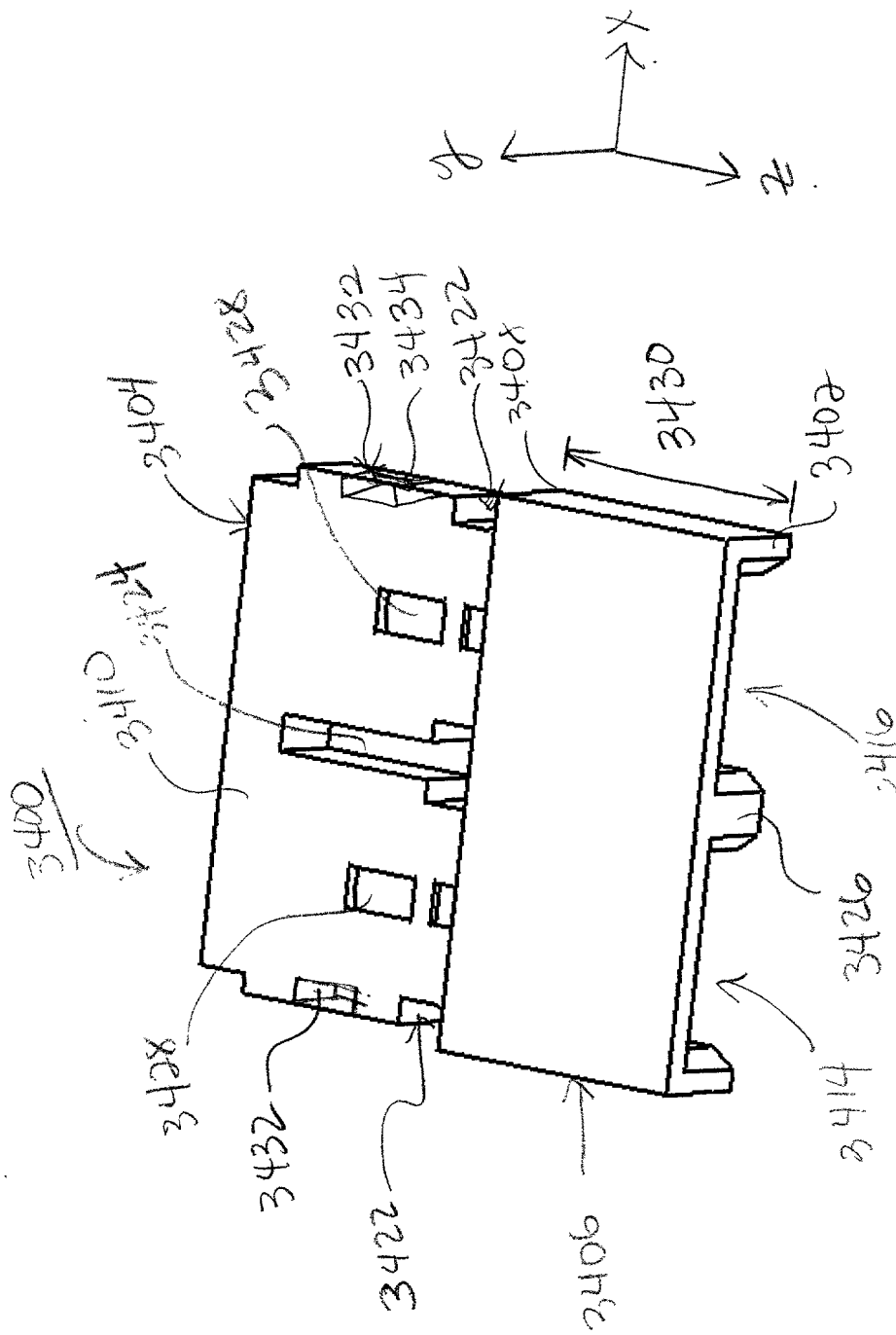


SIDE VIEW  
FIG. 33C



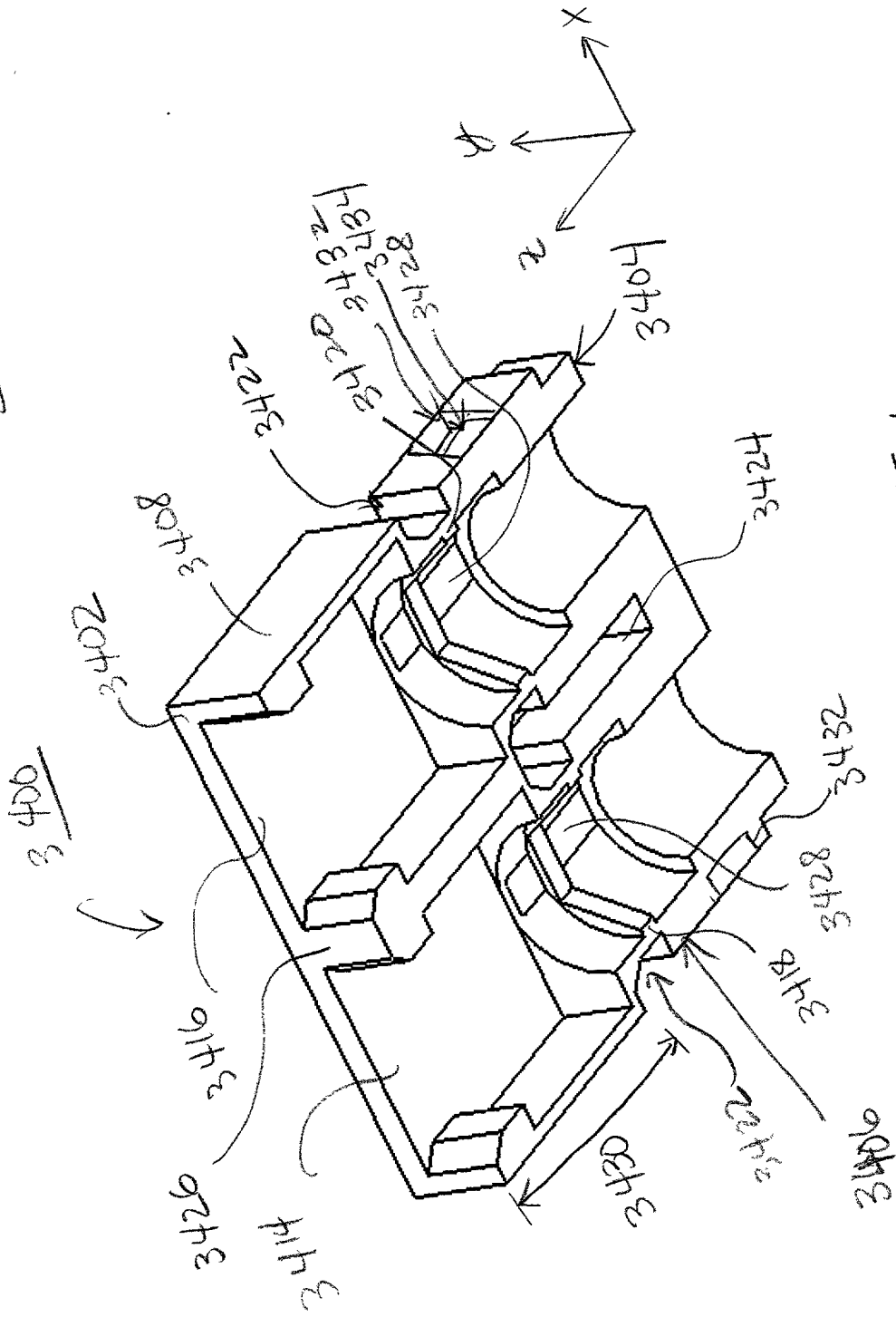


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TOP PERSPECTIVE VIEW  
FIG. 34A

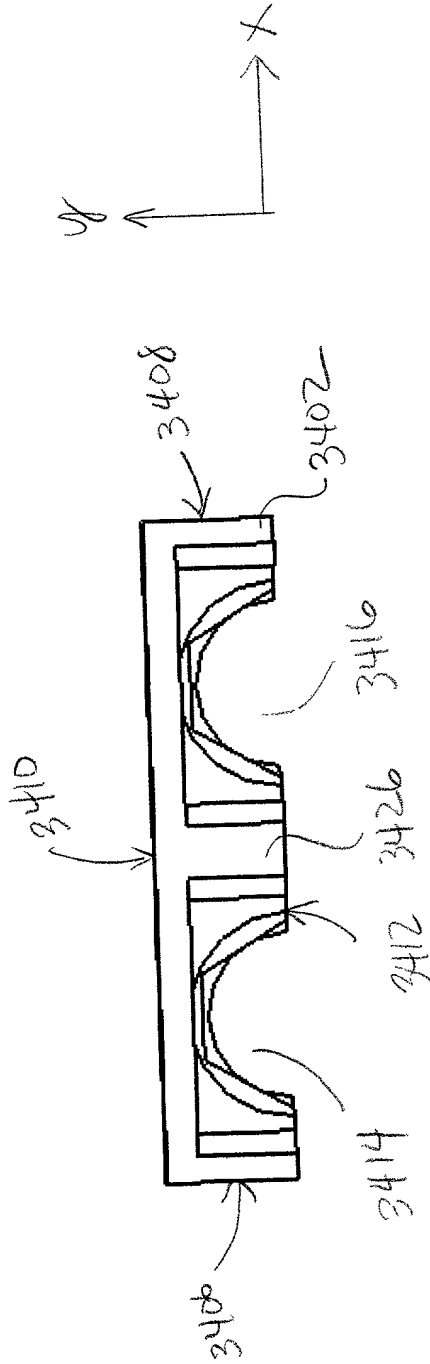
55



BOTTOM PERSPECTIVE VIEW  
FIG. 34B

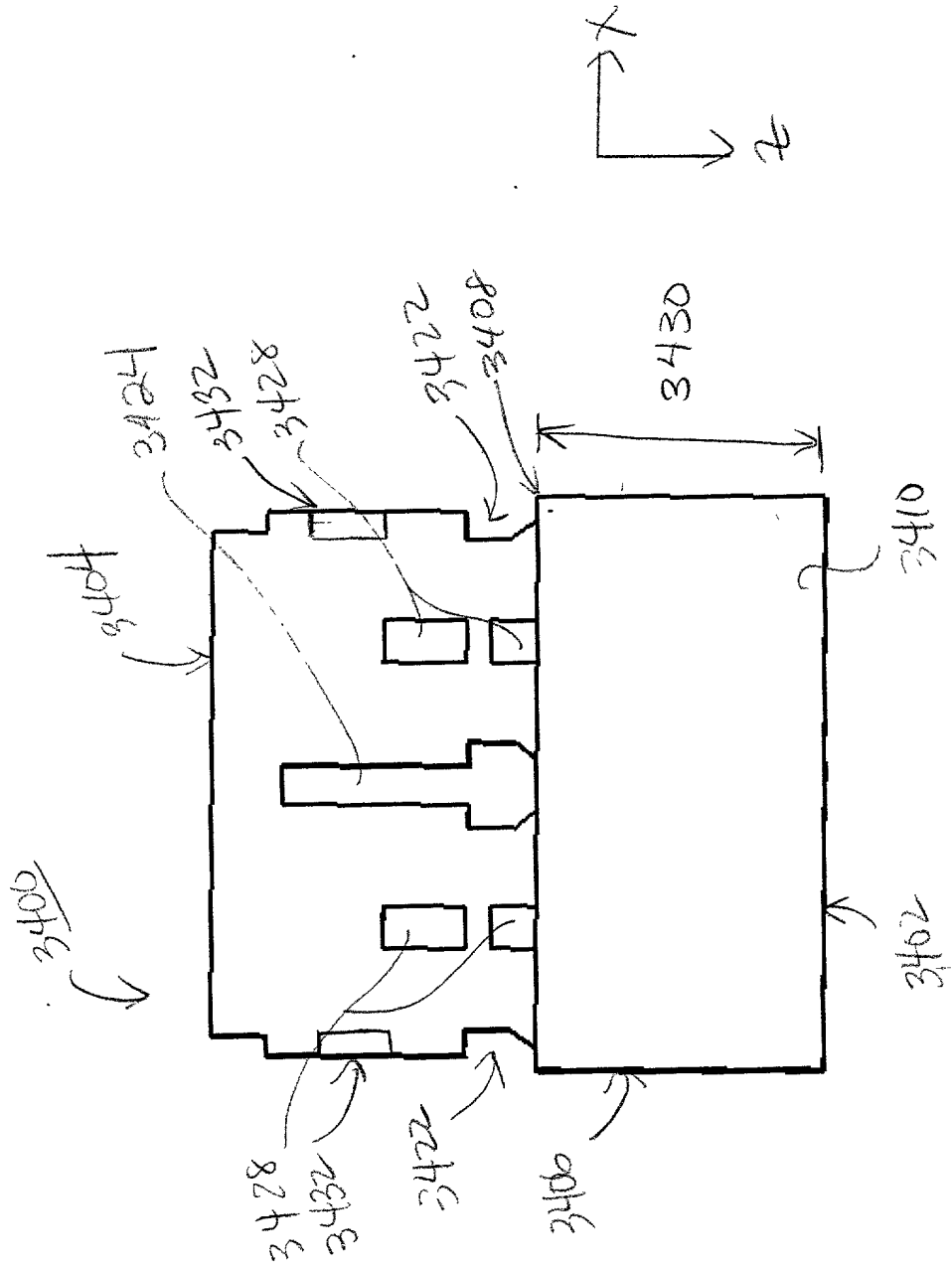
5/1

20100



END VIEW  
FIG. 34C

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TOP VIEW  
FIG. 34D

55

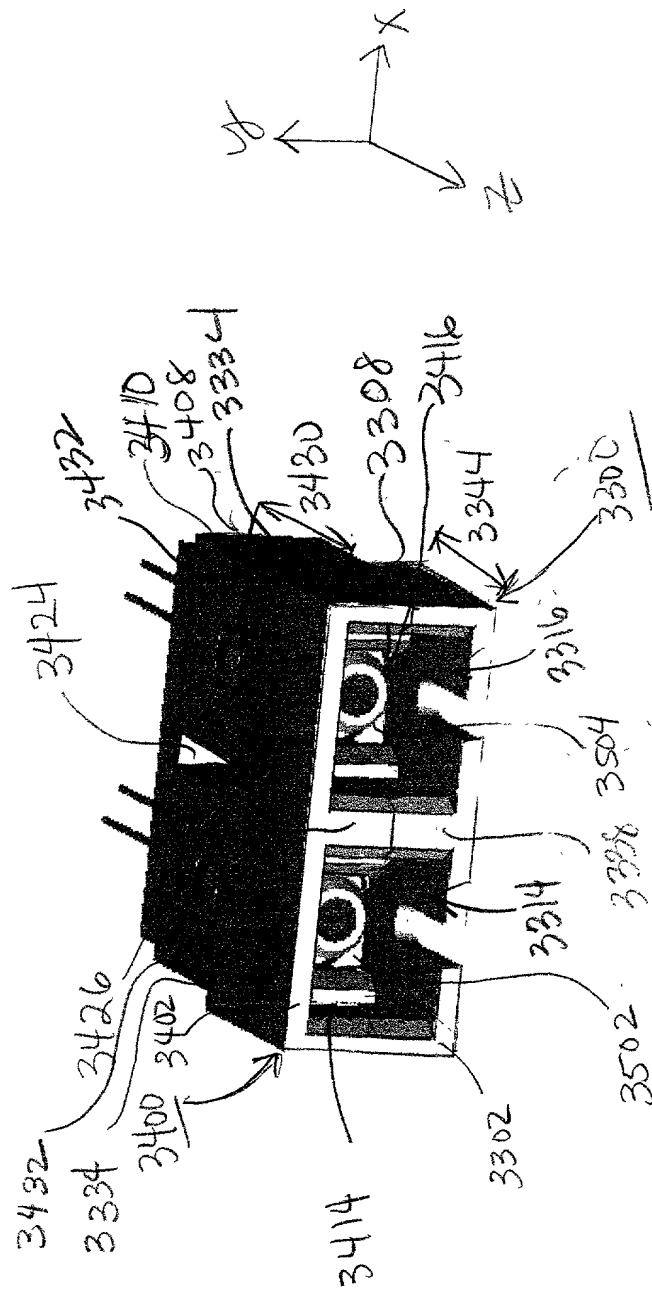


FIG. 35

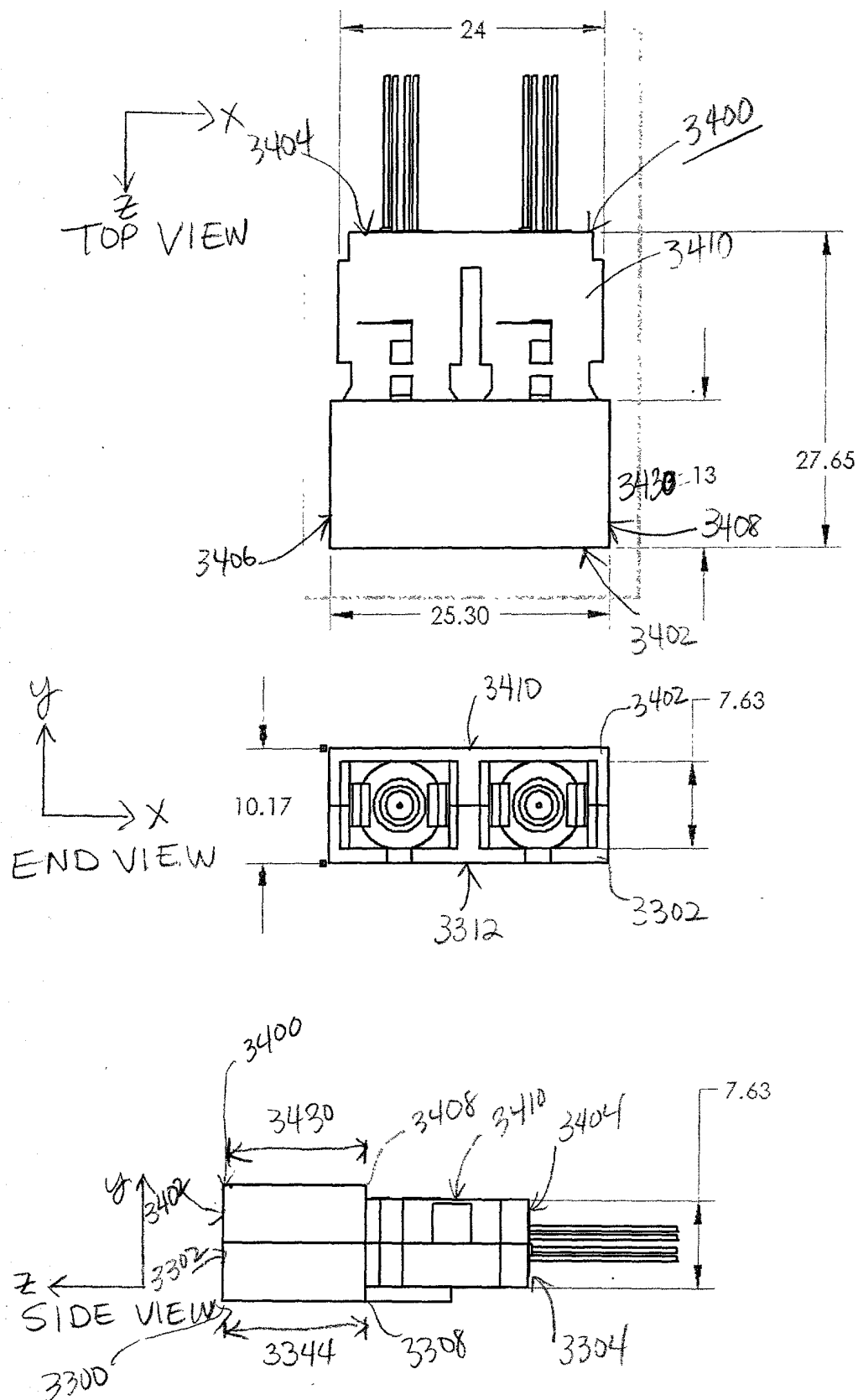


FIG. 36

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1300

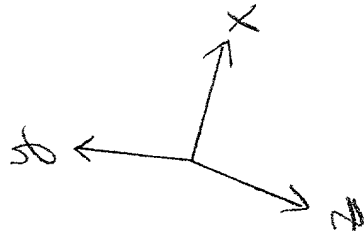
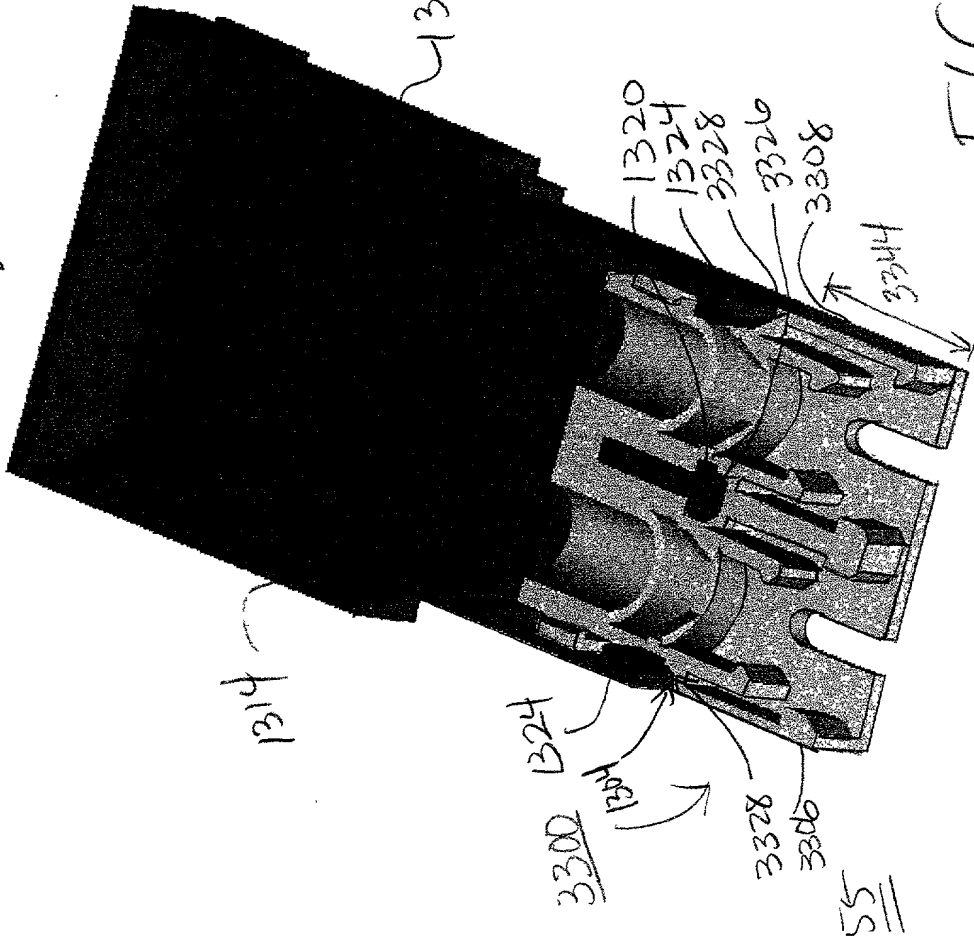
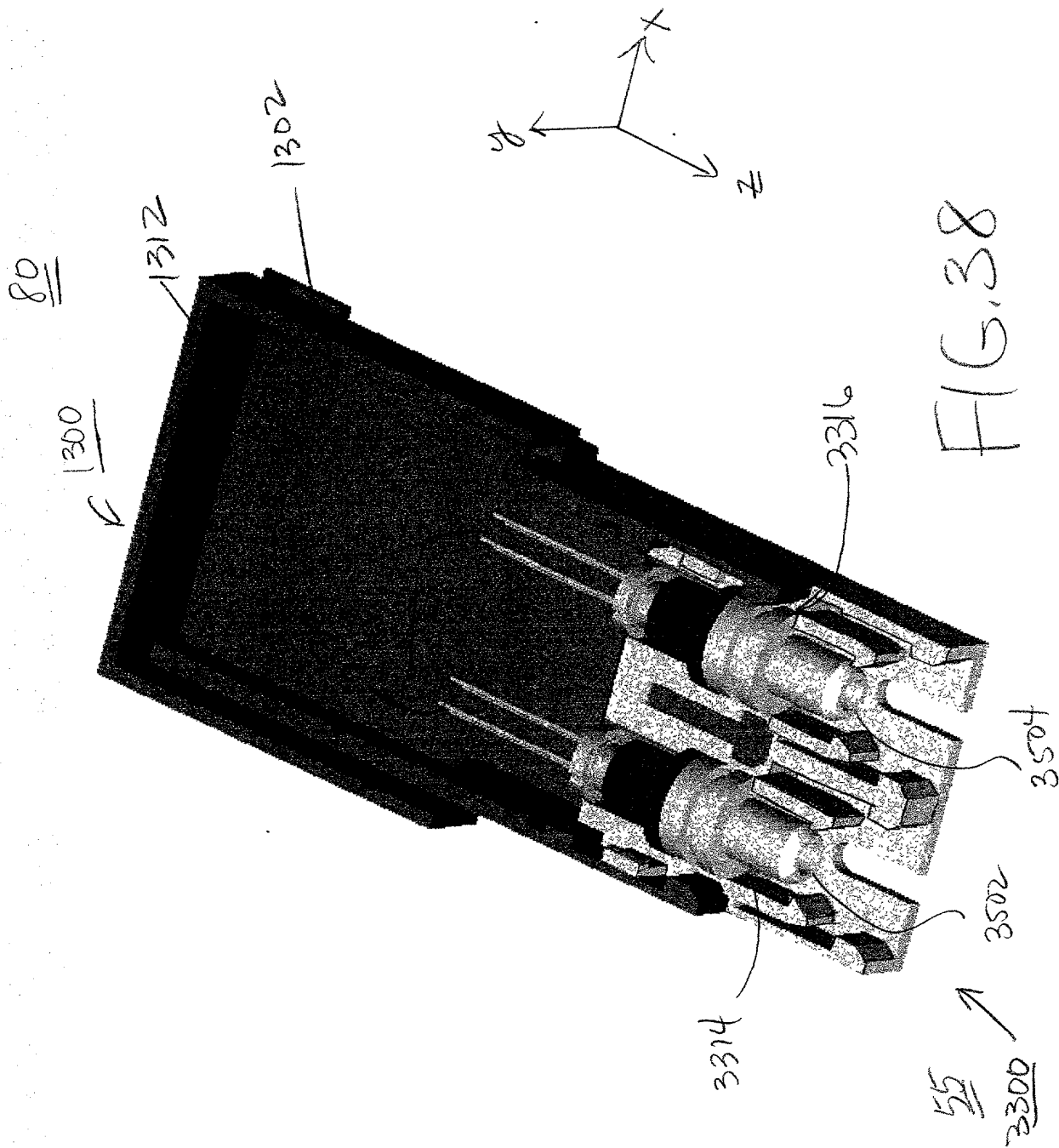


FIG. 37

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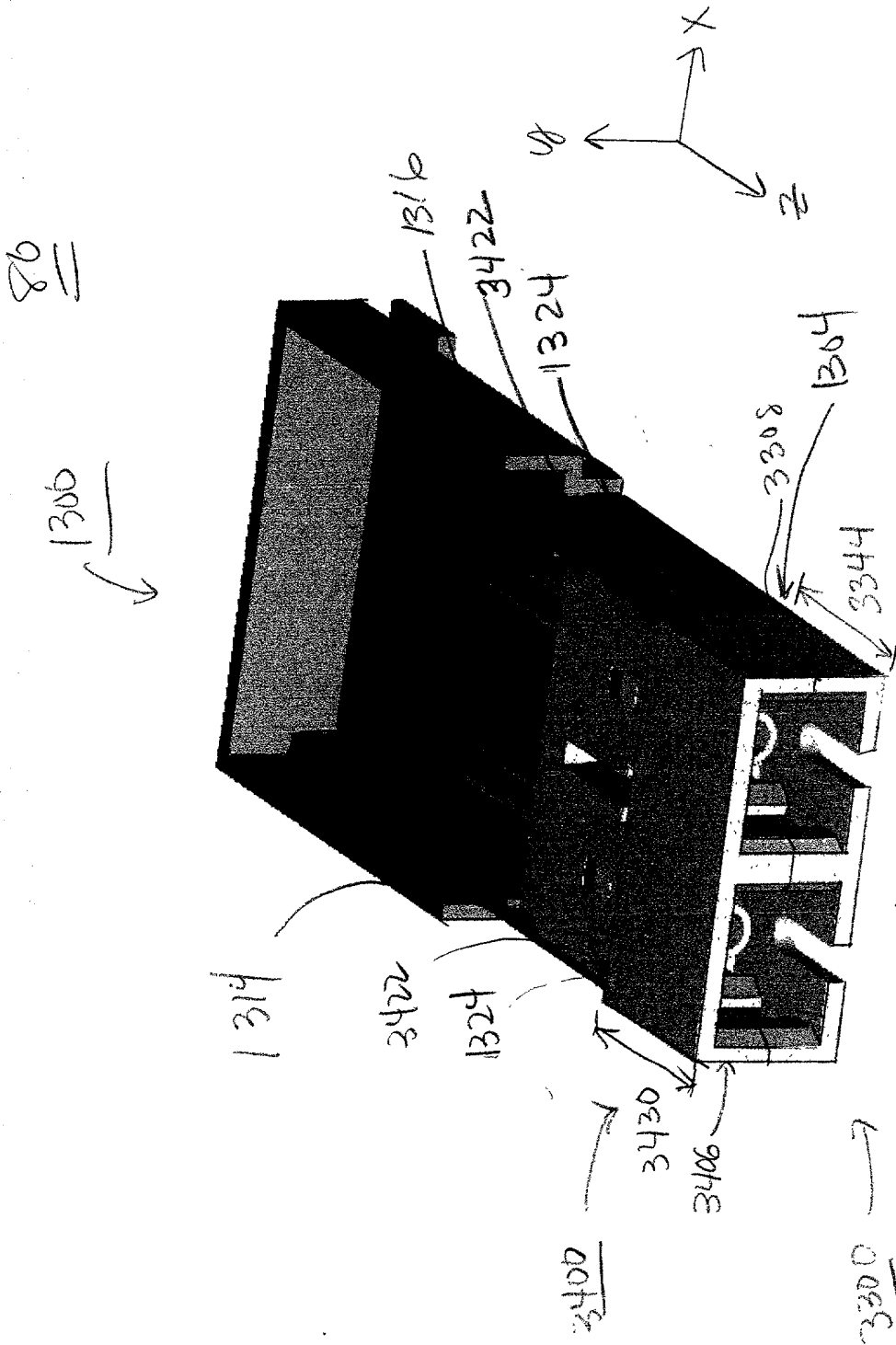


FIG. 39

80

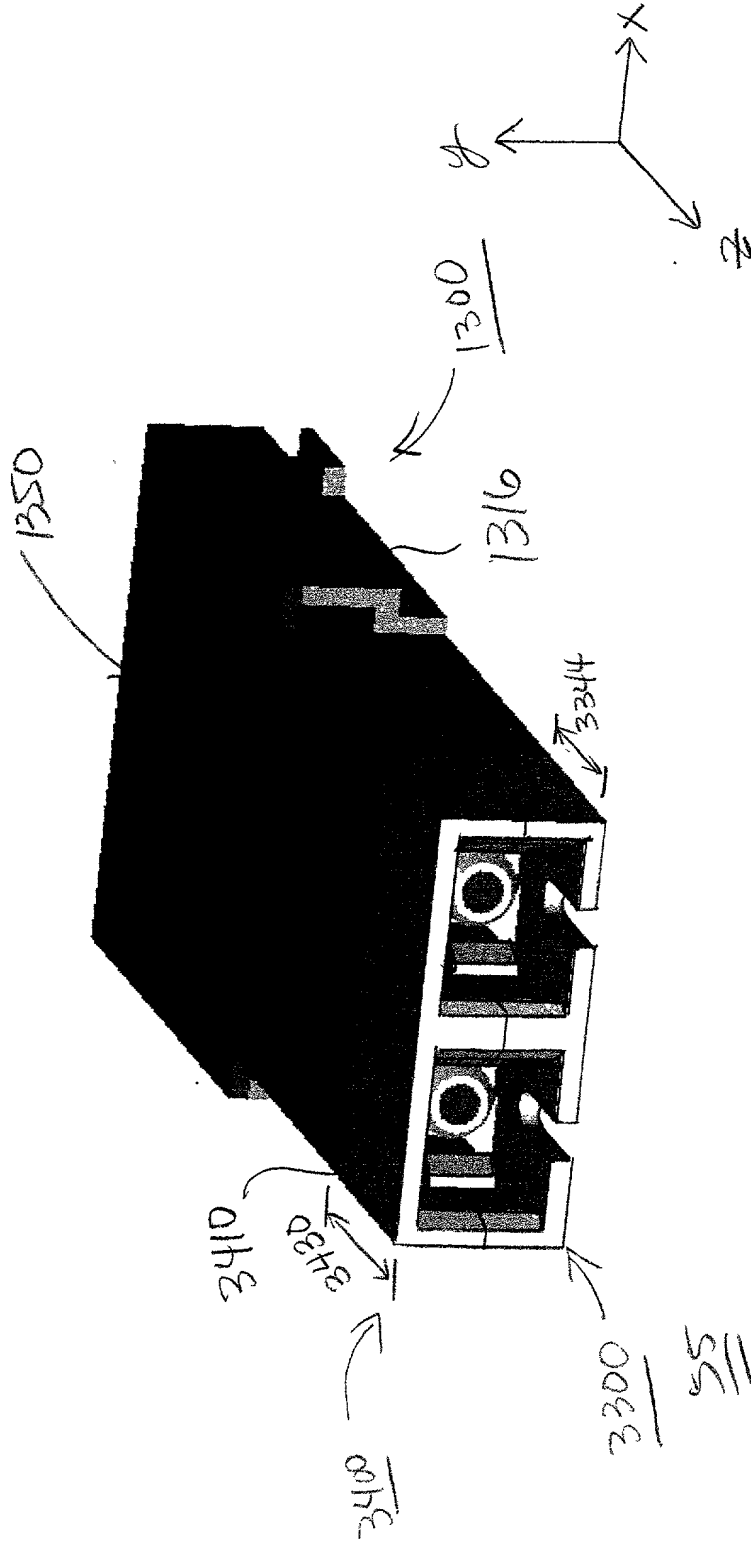
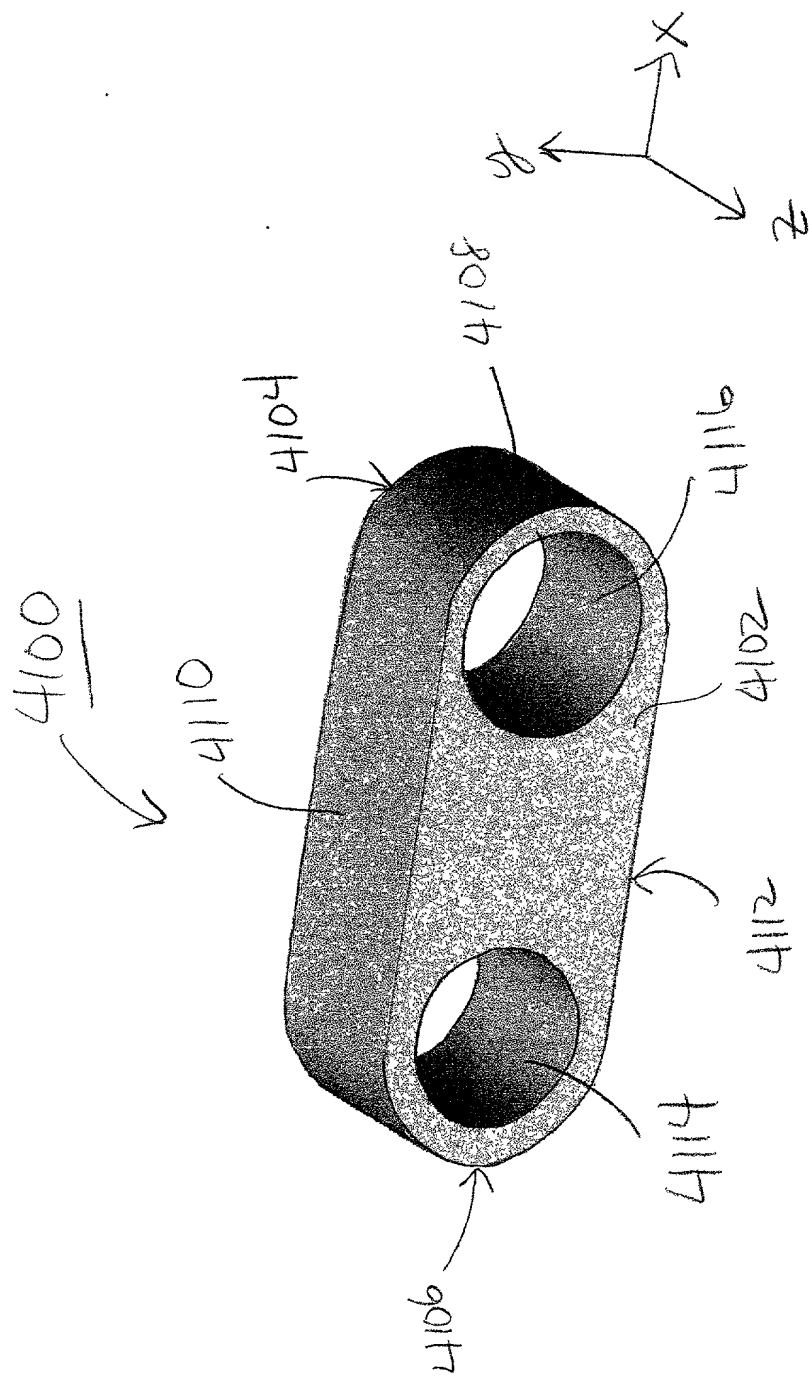
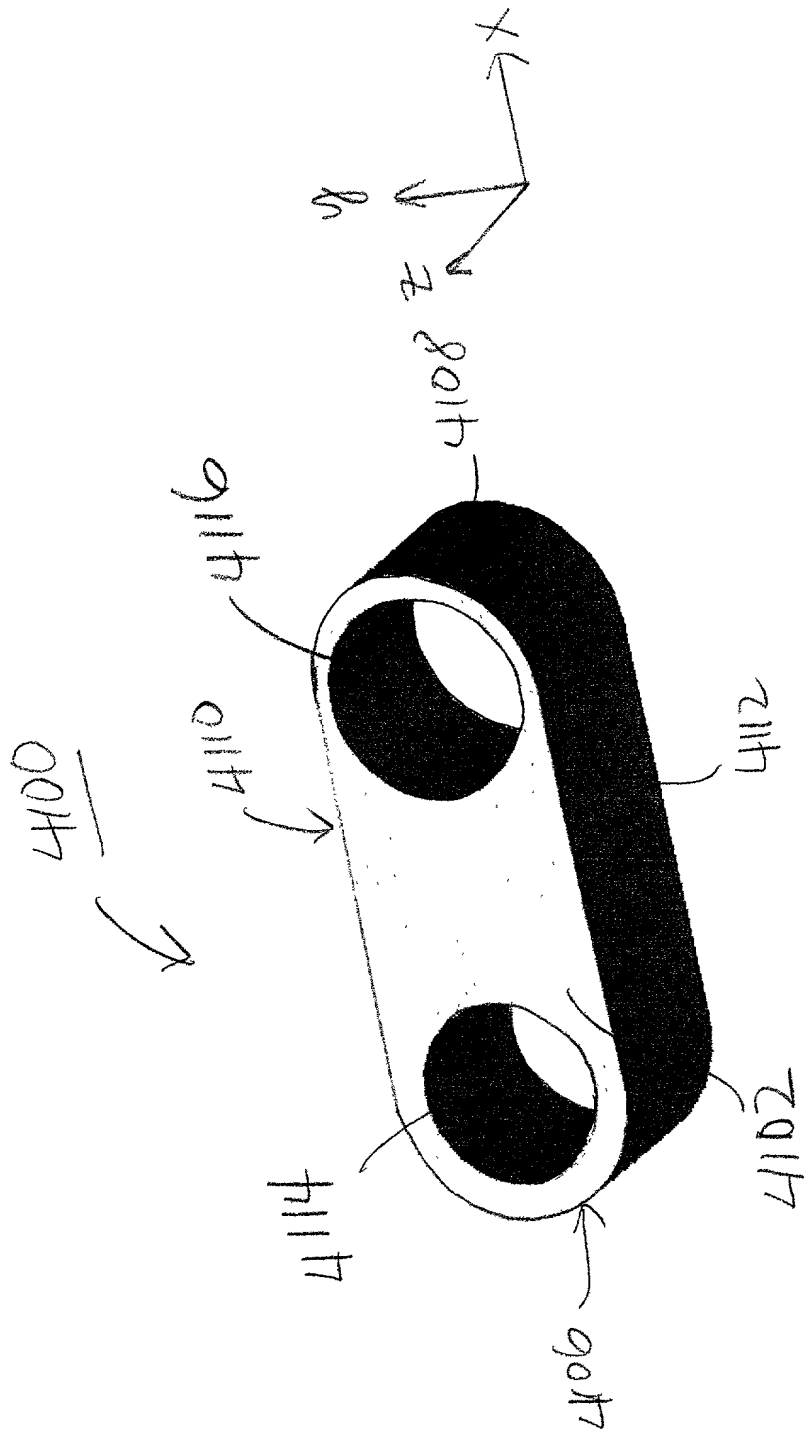


FIG. 40

55

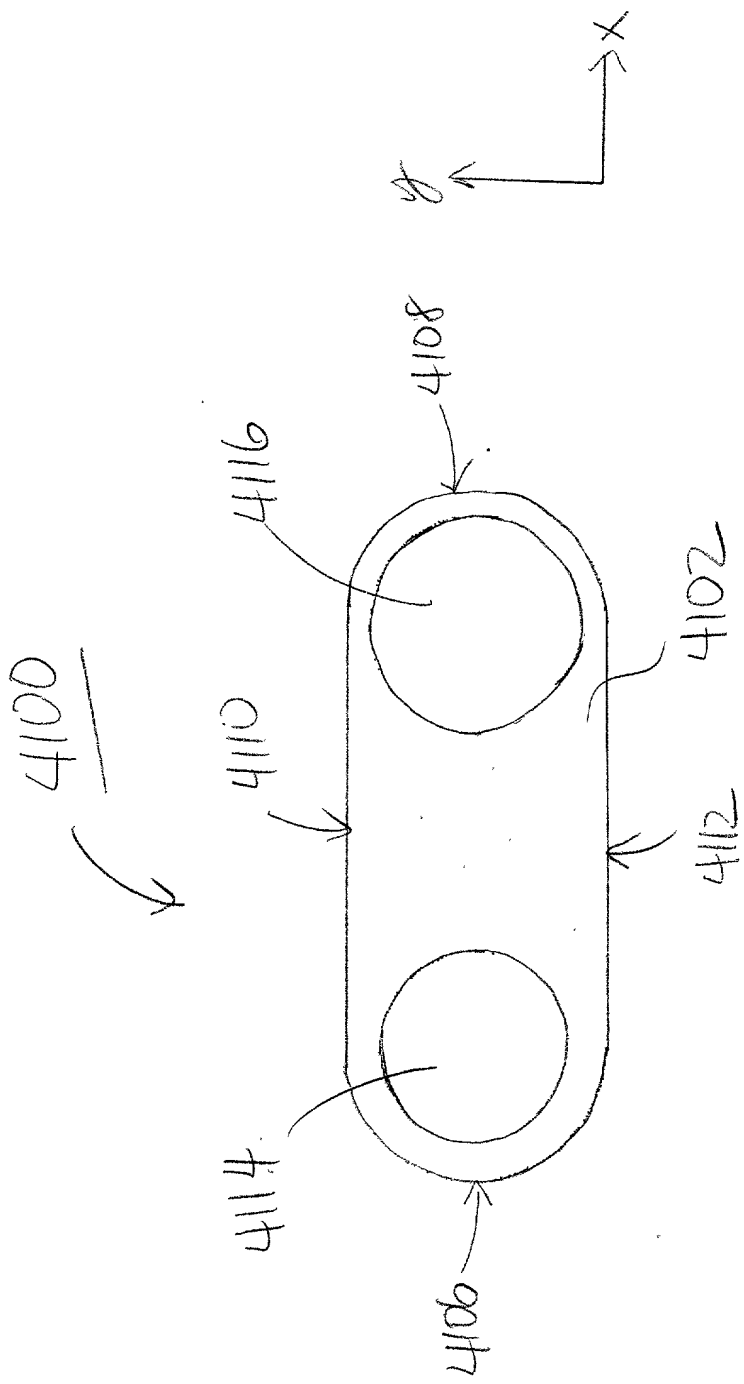


TOP PERSPECTIVE VIEW  
FIG. 41A

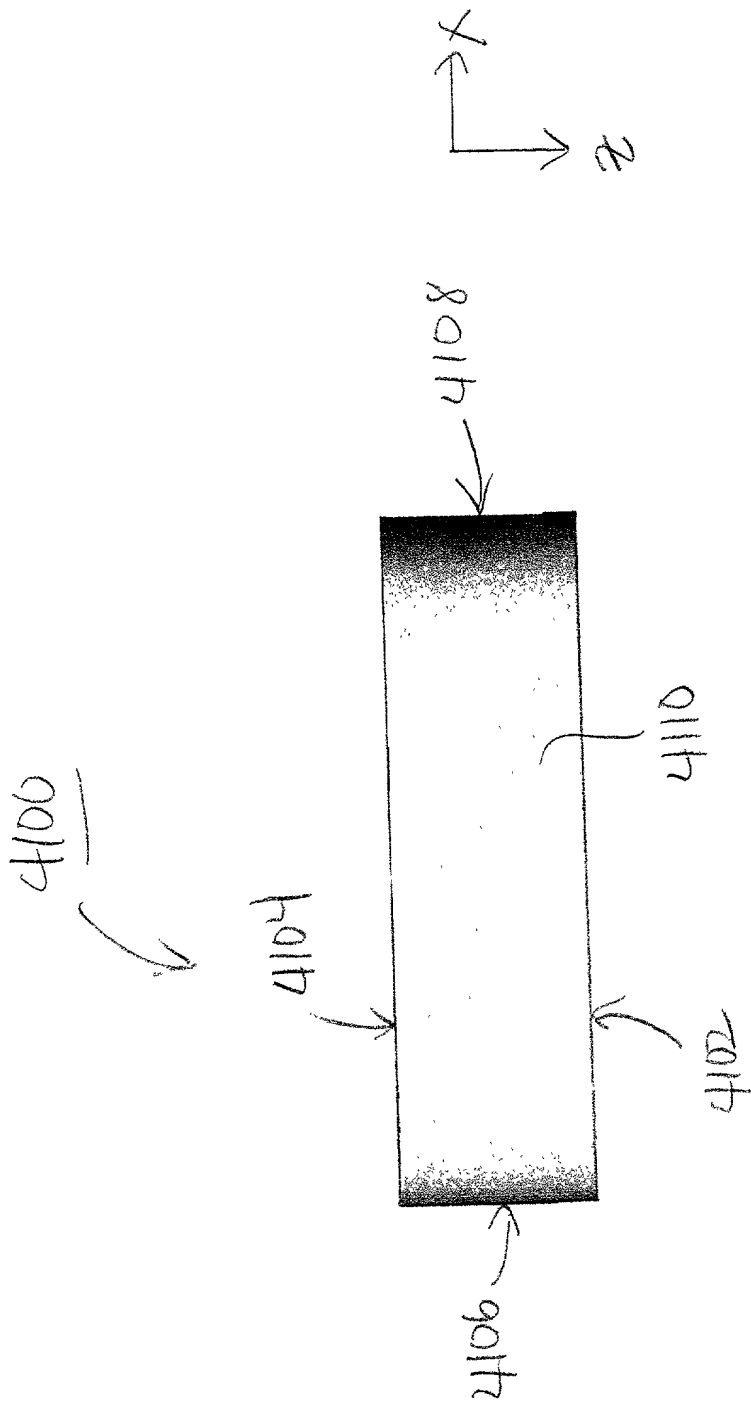


BOTTOM PERSPECTIVE VIEW  
FIG 41B

FIG. 41C is a perspective view of the end view of the device 4100, showing the two circular openings 4108 and 4116, the side walls 4110 and 4112, and the top and bottom surfaces 4114 and 4106.



END VIEW  
FIG. 41C



TOP VIEW  
FIG. 41D

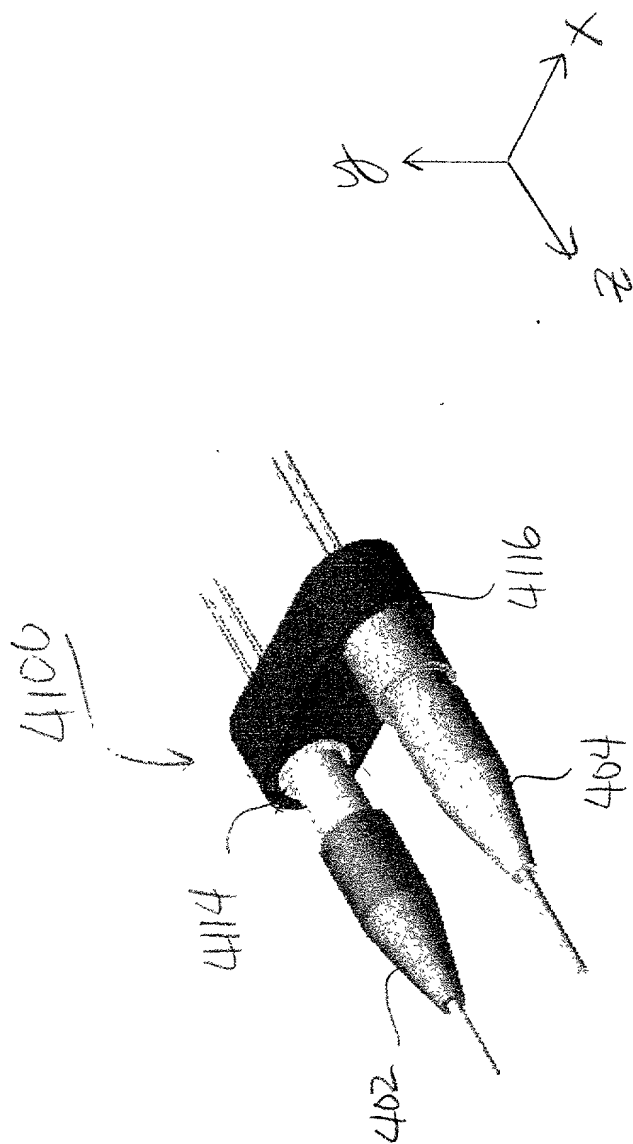


FIG. 42A



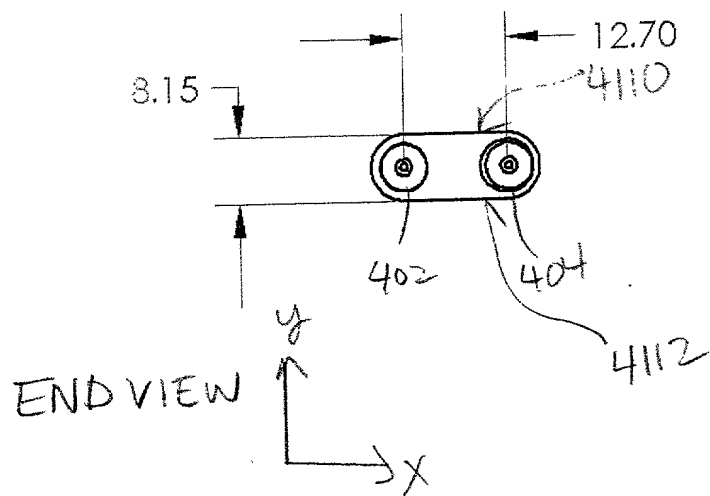
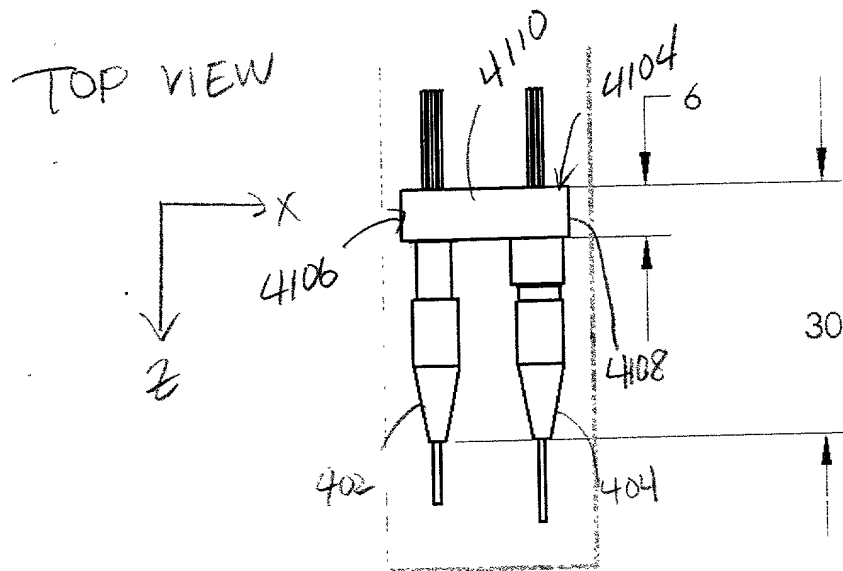


FIG. 42B

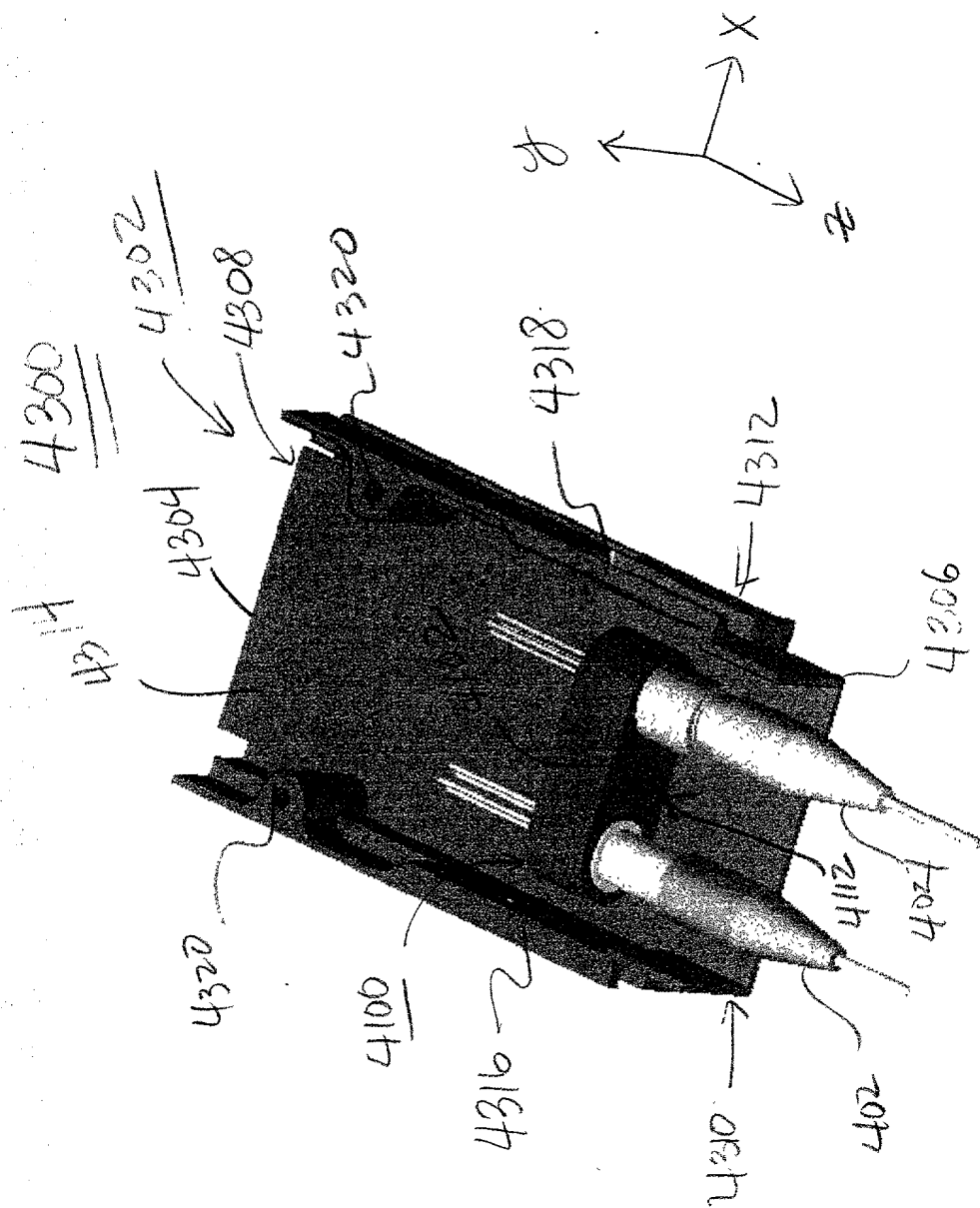
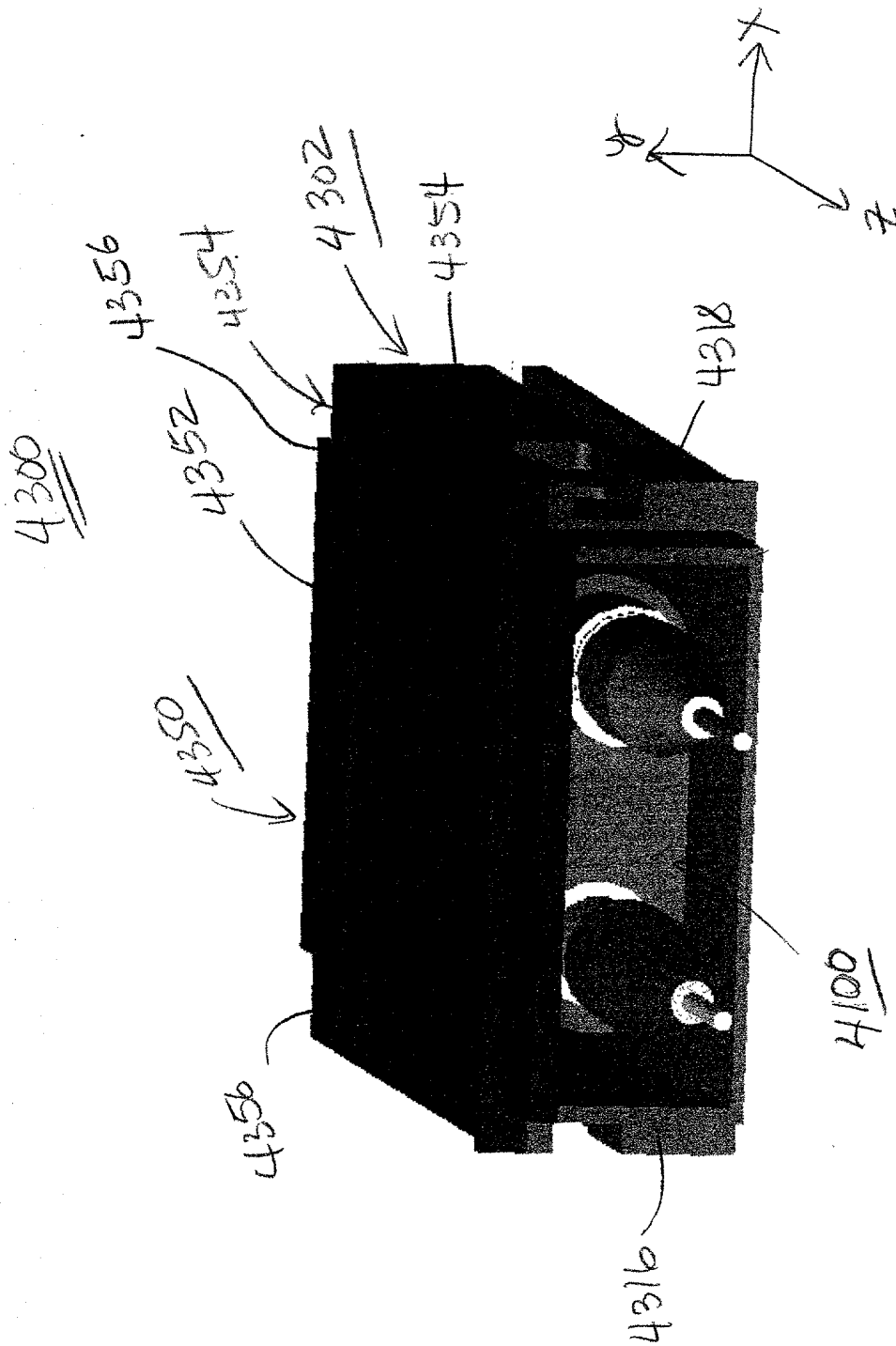


FIG. 43



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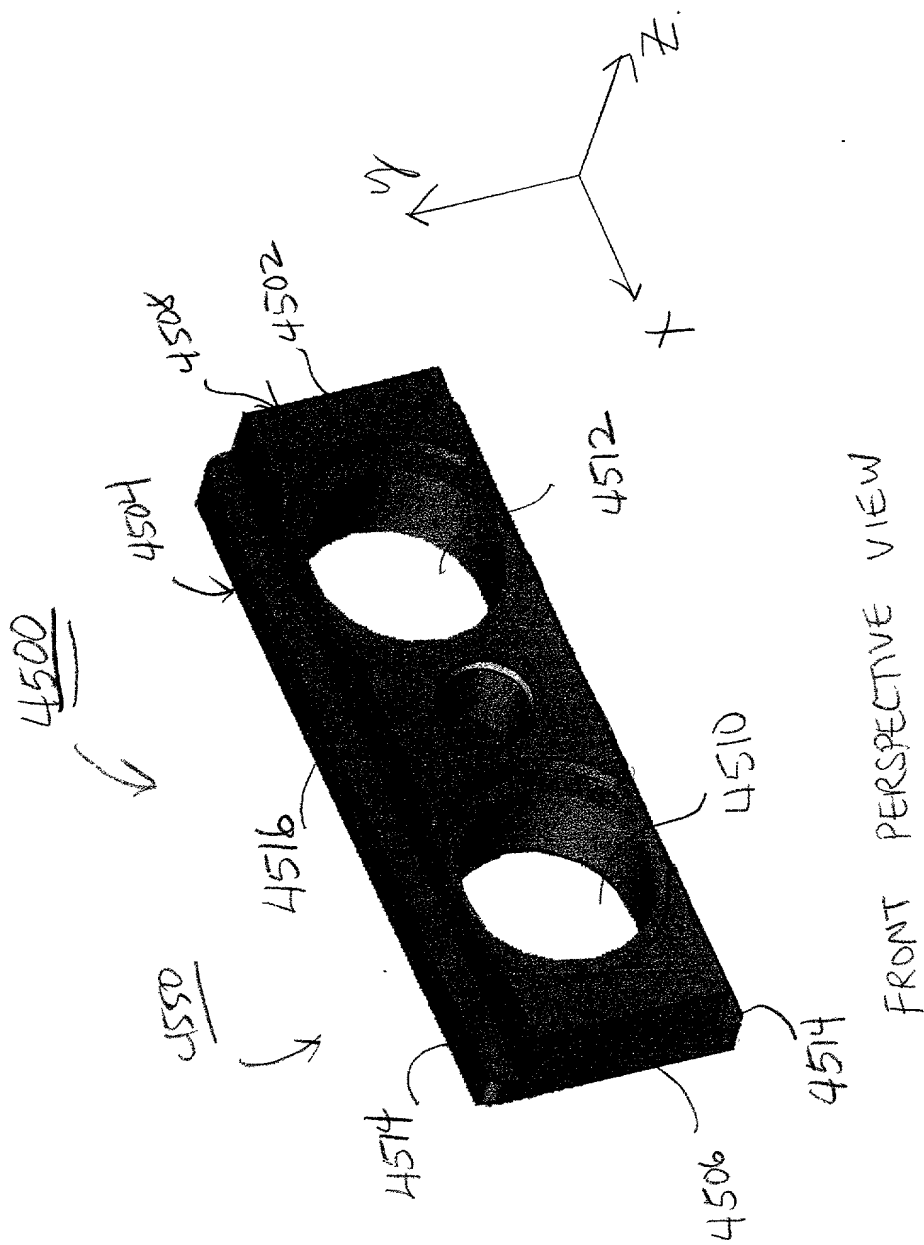
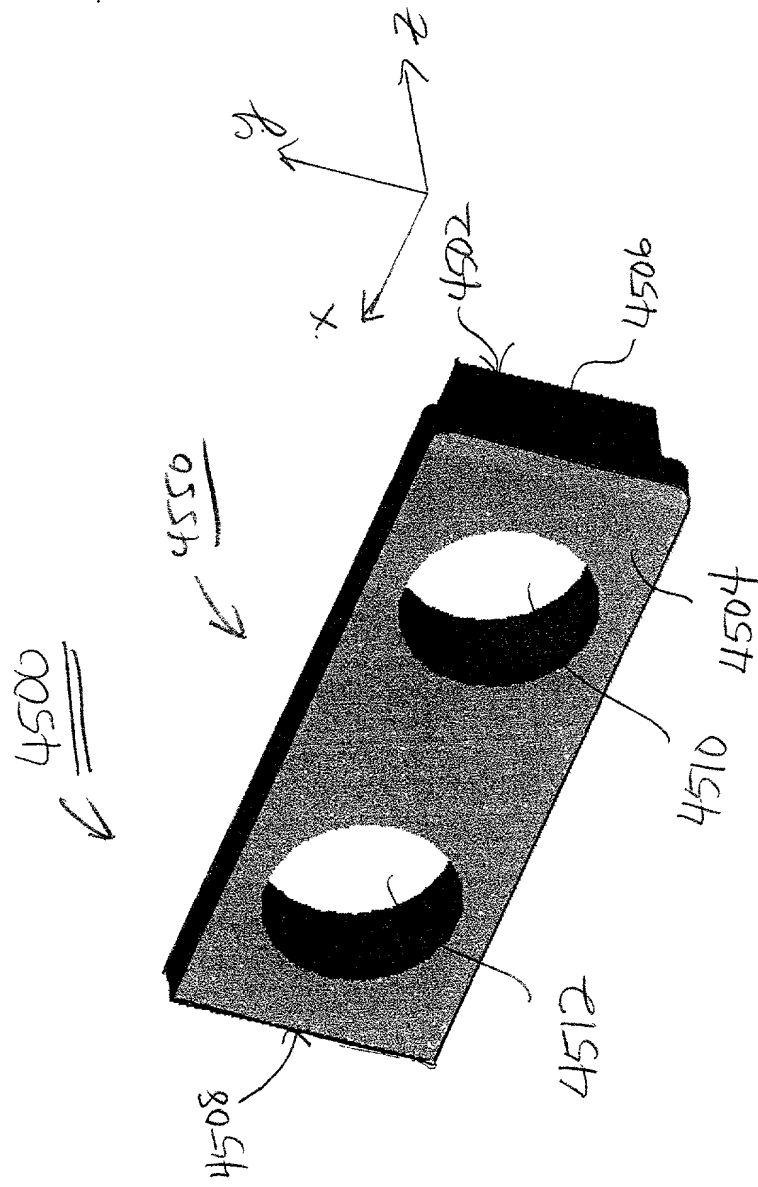


FIG. 45A



REAR PERSPECTIVE VIEW  
FIG. 45B

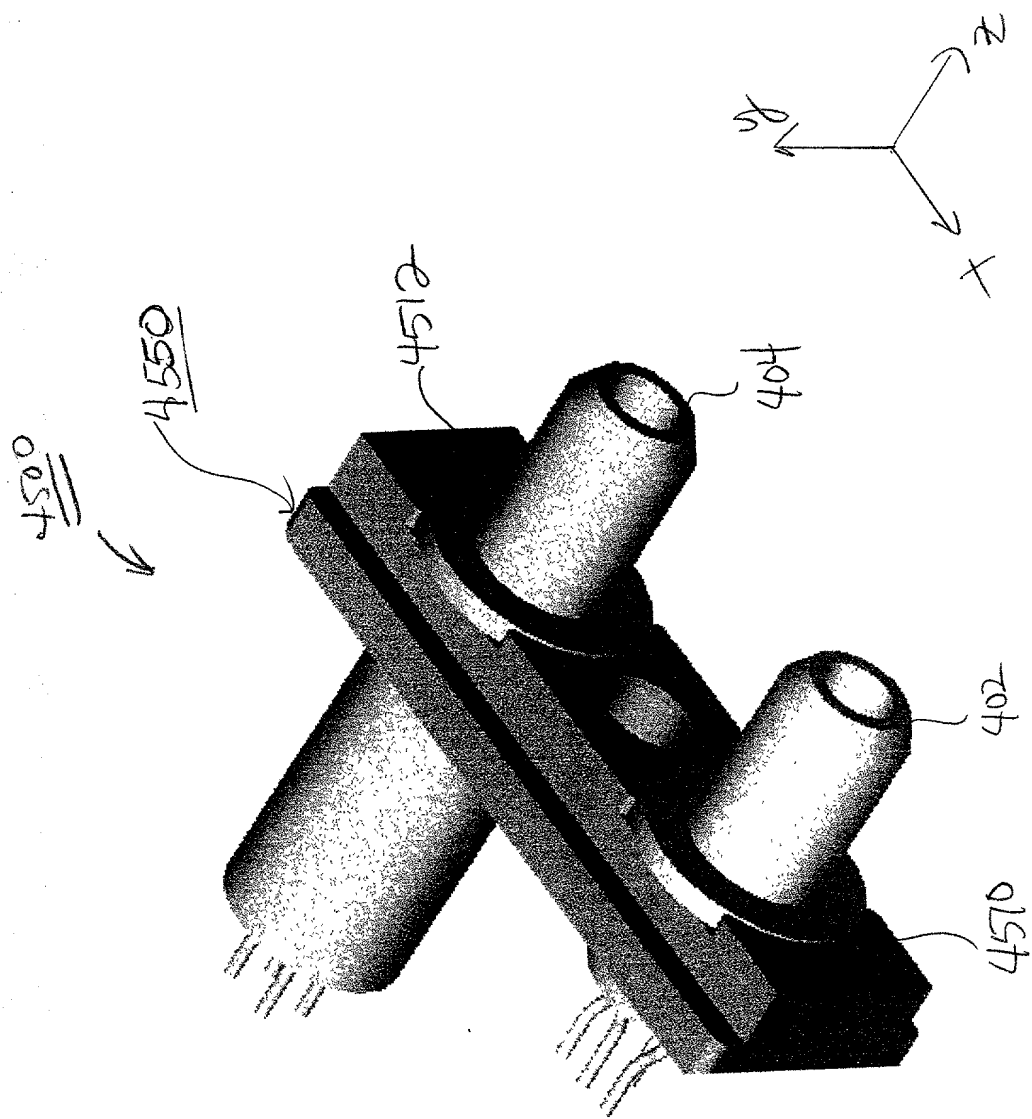
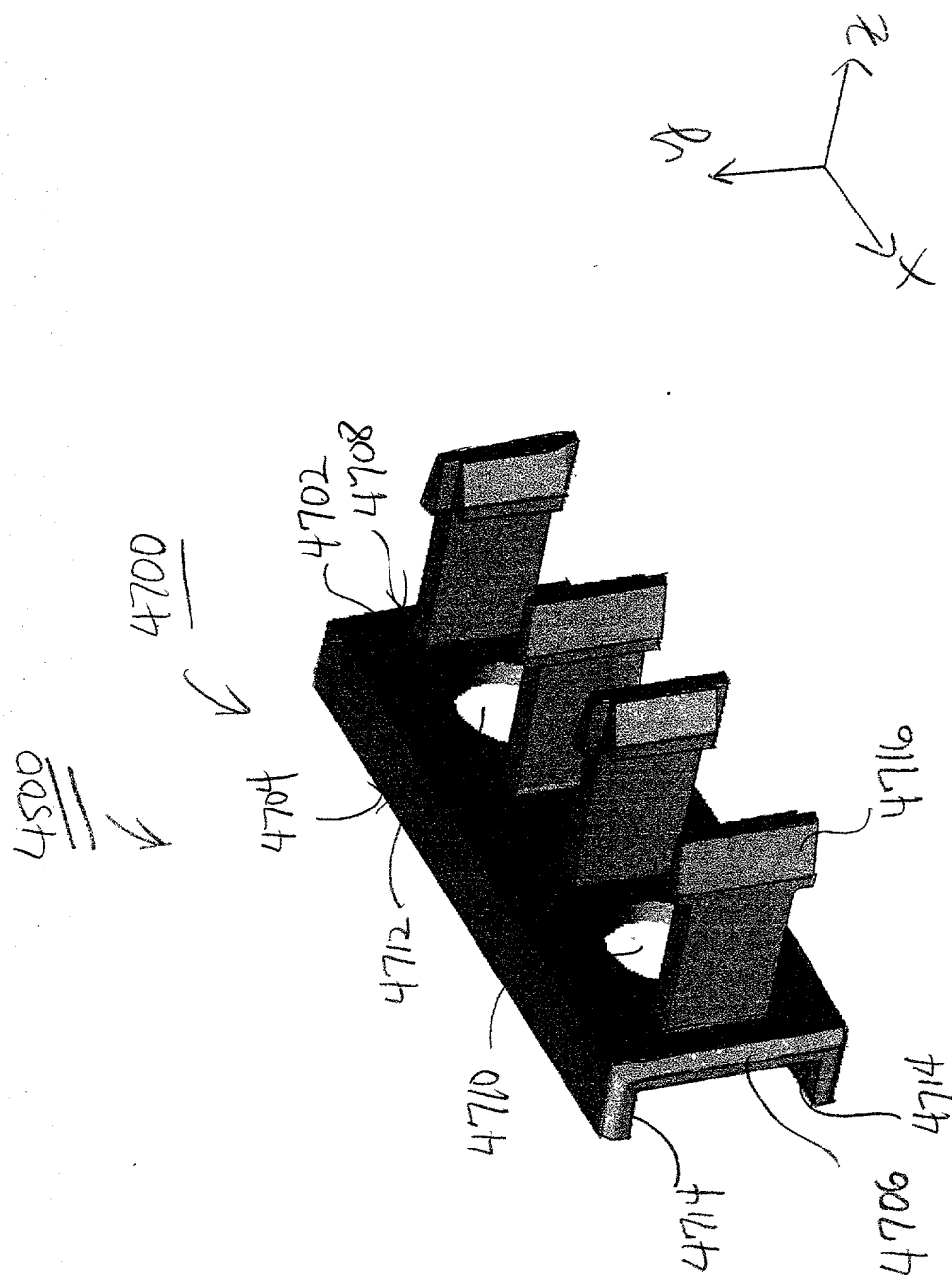


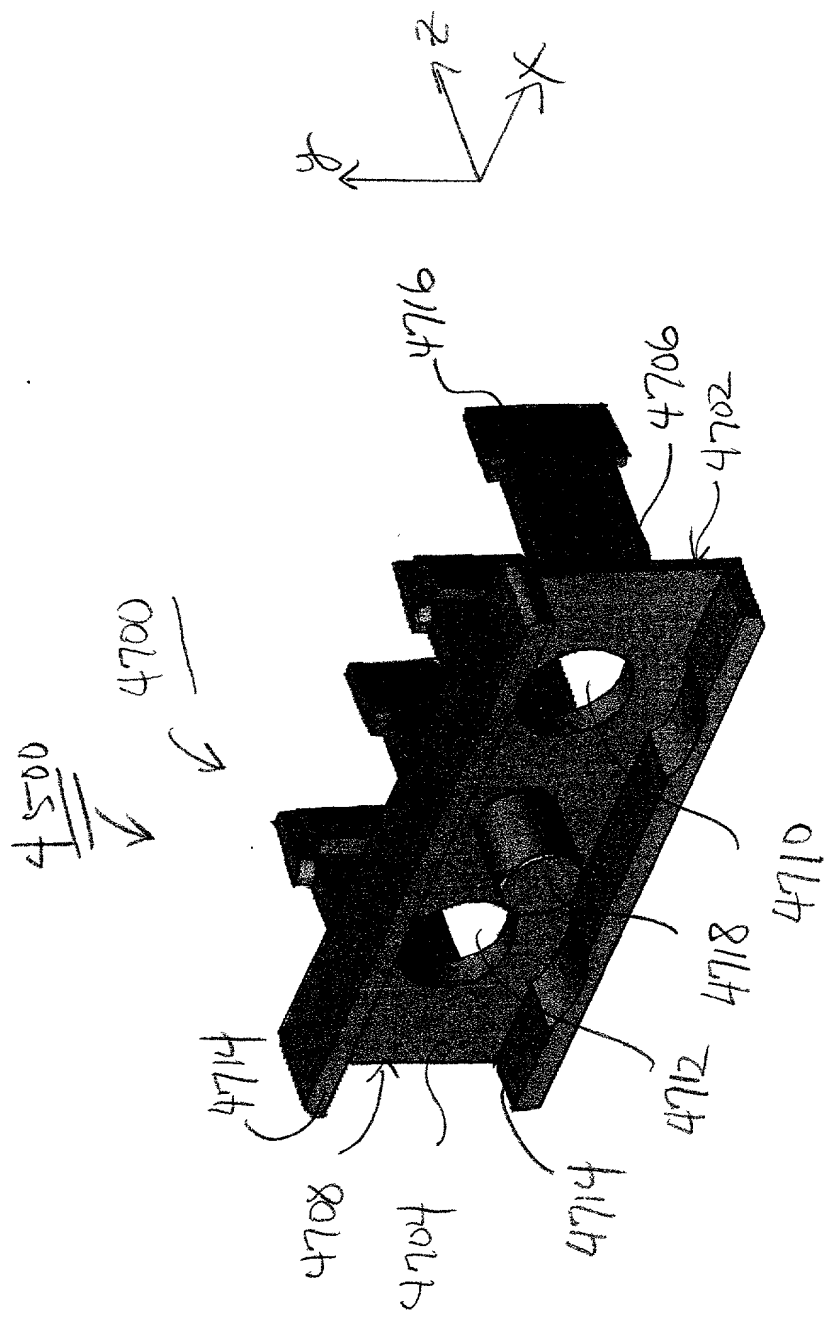
FIG. 46

FIG. 47A



FRONT PERSPECTIVE VIEW

FIG. 47A



REAR PERSPECTIVE VIEW  
FIG. 47B



FIG. 48 is a perspective view of a mechanical assembly 400. The assembly includes a base 402, a first shaft 404, a second shaft 406, a first gear 410, a second gear 412, a first gear 414, a second gear 416, a first gear 418, and a second gear 420. The first gear 410 is mounted on the first shaft 404 and the second gear 412 is mounted on the second shaft 406. The first gear 414 is mounted on the first shaft 404 and the second gear 416 is mounted on the second shaft 406. The first gear 418 is mounted on the first shaft 404 and the second gear 420 is mounted on the second shaft 406. The first gear 410, 414, and 418 are in mesh with the second gear 412, 416, and 420, respectively. The assembly 400 is shown in a perspective view with a coordinate system (X, Y, Z) indicated by arrows.

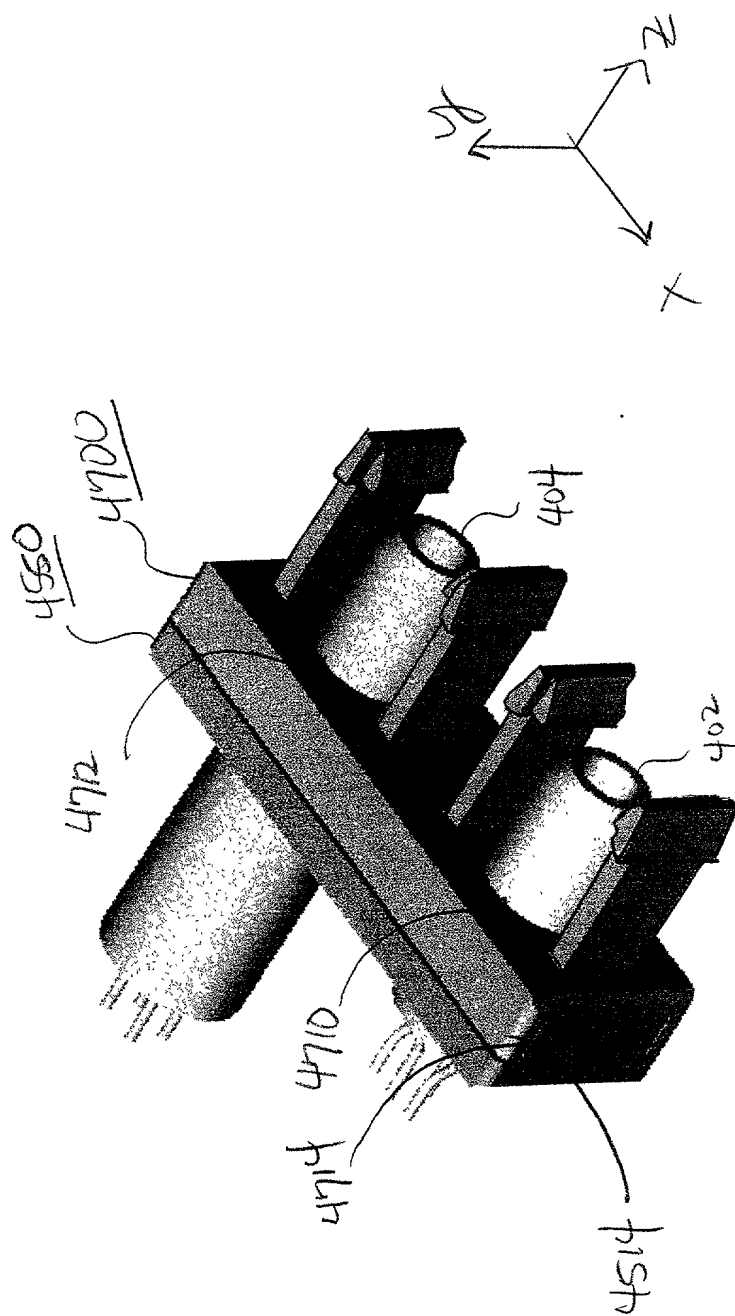
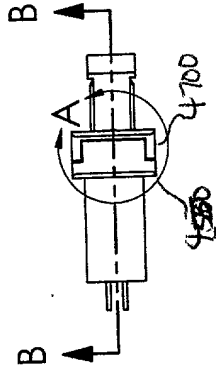
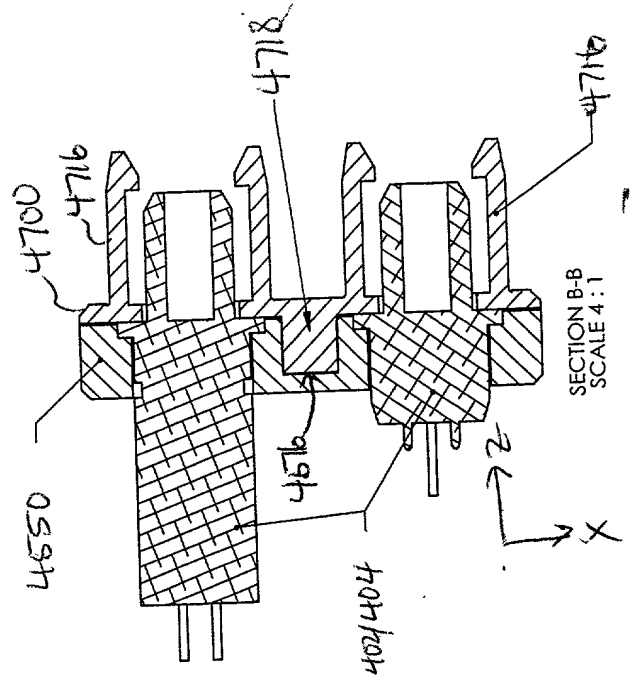


FIG. 48

SIDE VIEW



CROSS-SECTIONAL  
TOP VIEW



SECTION B-B  
SCALE 4:1

ENLARGED SIDE VIEW

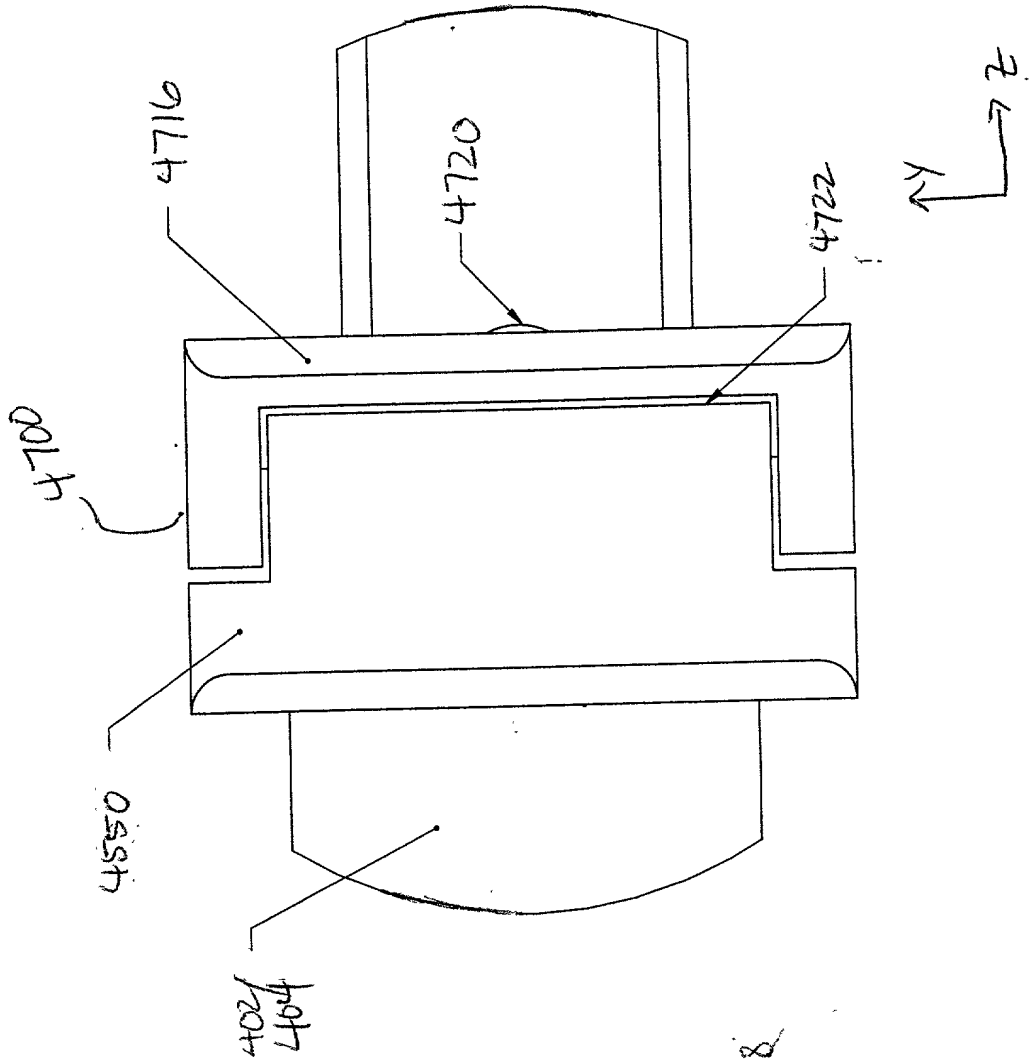
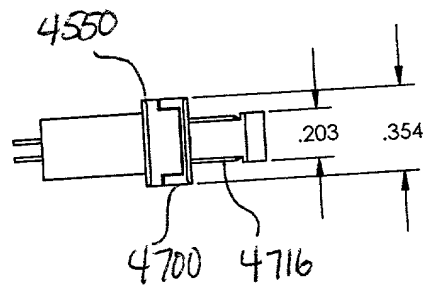
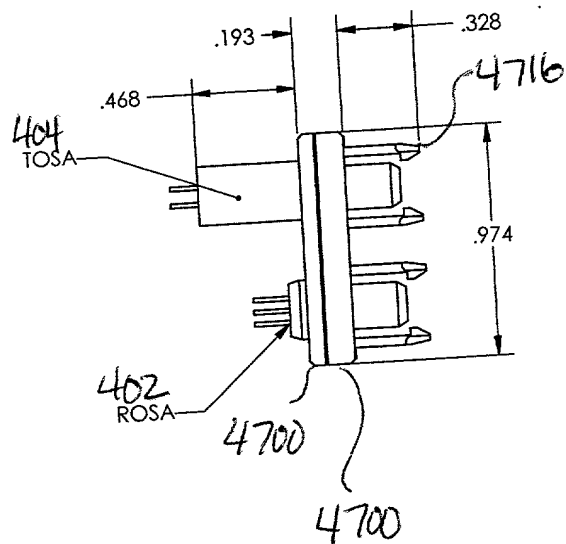


FIG. 48B



SIDE VIEW  
 y  
 z



TOP VIEW  
 z  
 x

FIG. 48C

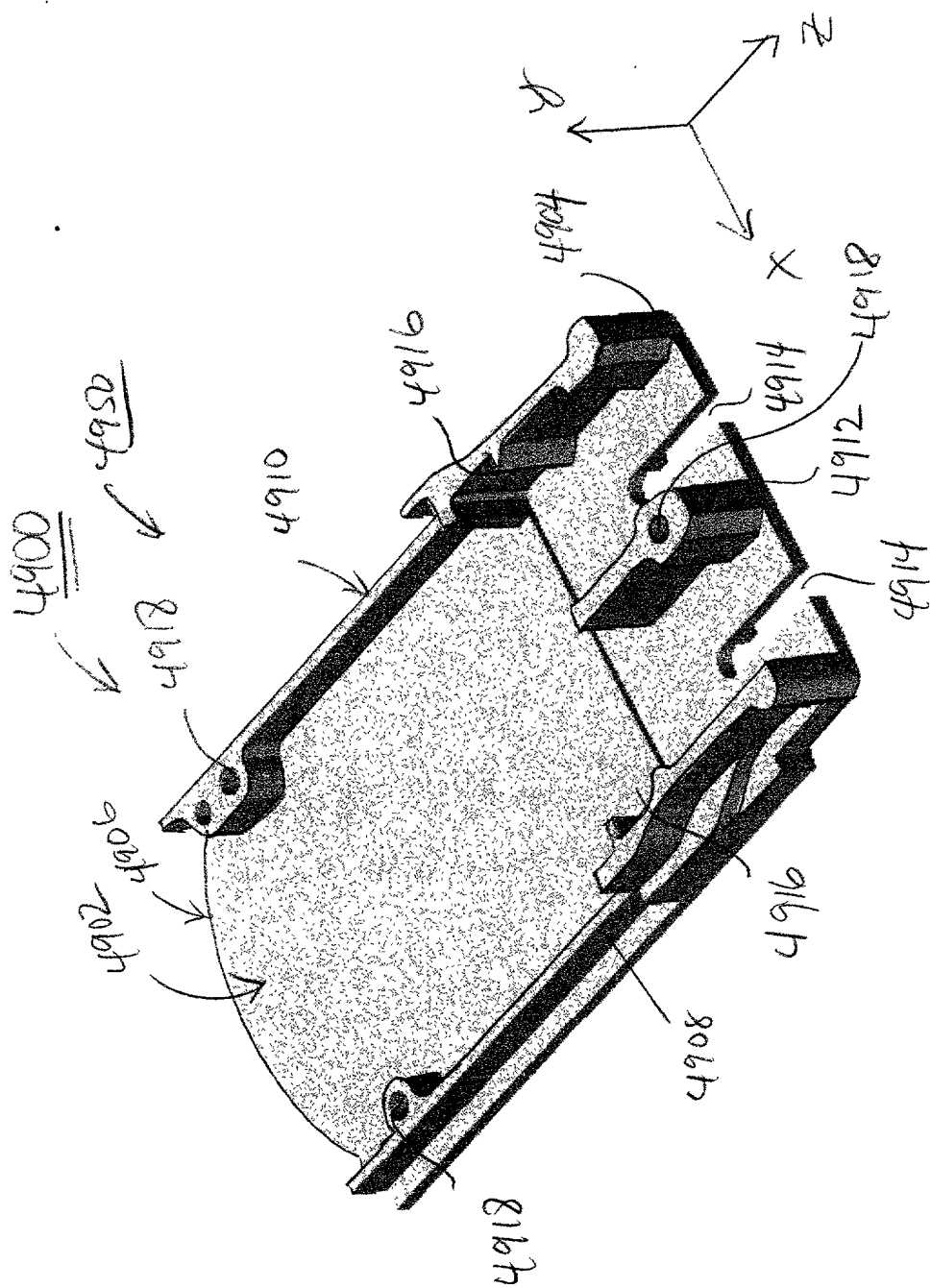


FIG. 49

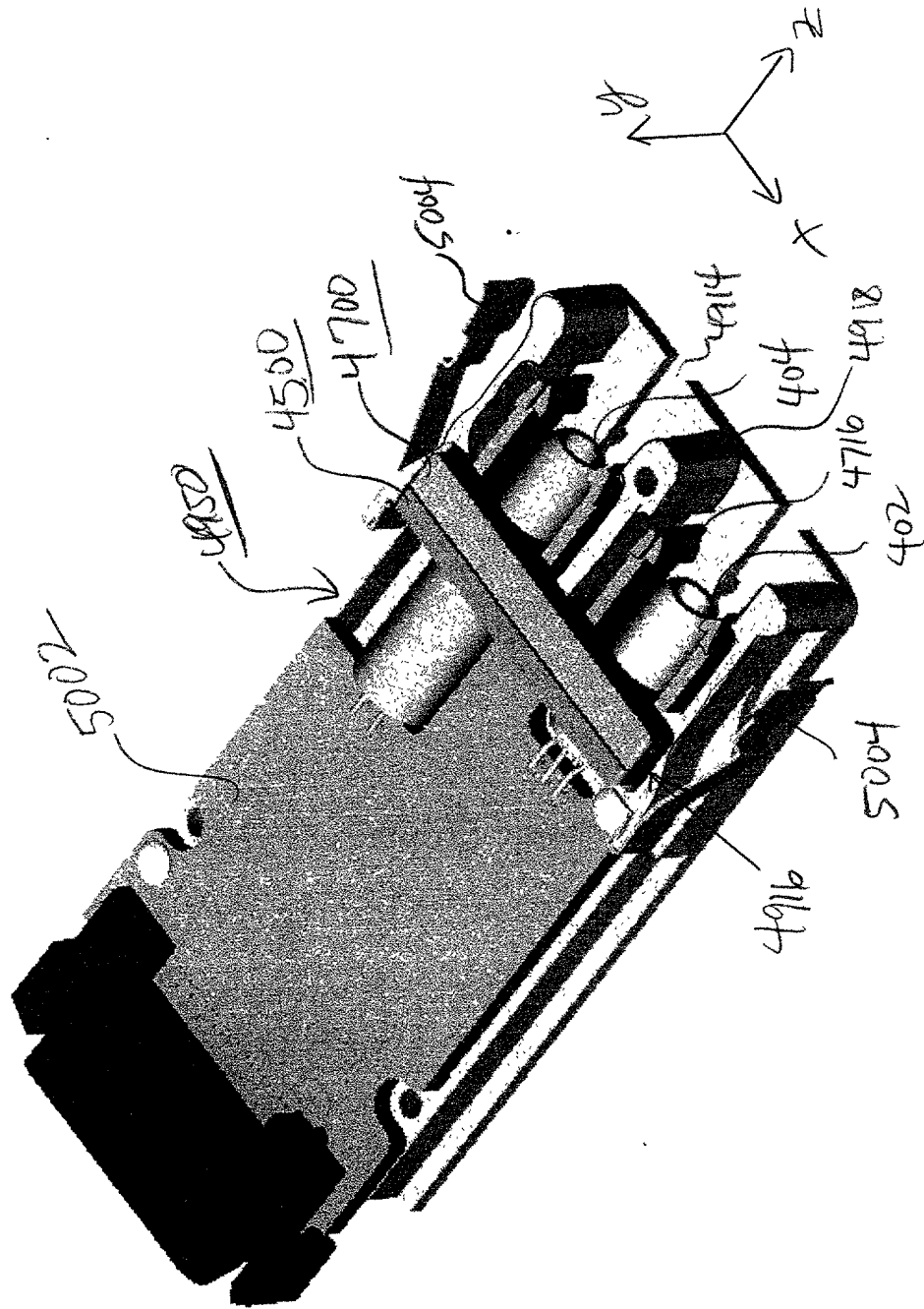
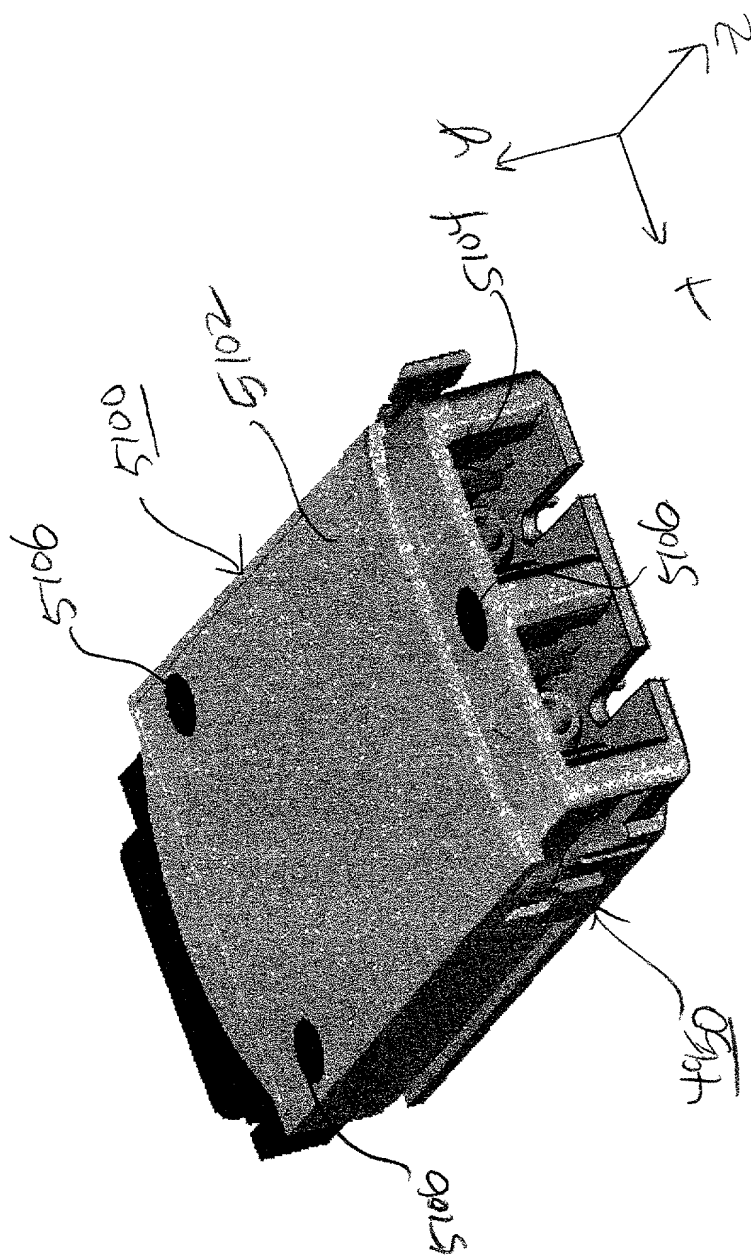


FIG. 50



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